C/007/035 Incoming

#4068

Sunnyside Cogeneration Associates

P.O. Box 10, East Carbon, Utah 84520 • (435) 888-4476 • Fax (435) 888-2538

March 28, 2012

Daron Haddock
Division of Oil Gas and Mining
1594 West North Temple, Suite 1210
Salt Lake City, UT 84116

RE: Sunnyside Cogeneration Associates, Annual Reports
Sunnyside Refuse/Slurry, C007/035
Star Point Waste Fuel, C/007/042

Dear Mr. Haddock,

Enclosed, please find the Annual Reports for the Sunnyside Refuse/Slurry, C007/035 and Star Point Waste Fuel, C/007/042 mine sites. Given that some of the required data is not in an electronic format, we have provided both a hard copy version of the reports and a CD including the available information electronically.

Your December 1, 2011 letter mentioned several items, in addition to the regular report information.

1. Raptor and archeology reports – SCA is not required to submit any raptor or archeology reports.

2. Mine map identifying mining in 2010 – SCA has submitted with the report an updated map showing conditions of mining through 2011.

3. Mining proposed for the next five years – SCA maintains its current plan of proposed mining (projecting more than five years) in each of the MRP documents. Given the nature of SCA's mining activity (excavation of the waste piles), mining plans are not changing often and annual updates to the plan are not required.

4. Notices of Proposed Mining sent to districts, occupants and owners of surface property above the underground workings – SCA does not have any underground workings, no occupants exist and SCA owns the surface property at Sunnyside and most of the surface property at Star Point. Given the nature of SCA's mining activity, and since annual updates to the plan are not required, the notices provided to BLM (surface owner of a portion of the Star Point property) in past years (included in the approved MRP) are sufficient.

If you have any questions, please feel free to call Rusty Netz or myself at (435) 888-4476.

Thank You,

Richard Carter
Agent for
Sunnyside Cogeneration Associates

c.c. Steve Gross
Maggie Estrada
Rusty Netz
Plant File

SUNNYSIDE COGENERATION ASSOCIATES
SUNNYSIDE REFUSE/SLURRY
C/007/0035
2011 ANNUAL REPORT

Submitted to:

State of Utah
Department of Natural Resources
Division of Oil, Gas and Mining
1594 West North Temple, Suite 1210
Box 145801
Salt Lake City, Utah 84114-5801

SUNNYSIDE COGENERATION ASSOCIATES

SUNNYSIDE REFUSE/SLURRY
2011 ANNUAL REPORT

TABLE OF CONTENTS

I. GENERAL PERMIT INFORMATION

Permit Number:	C/007/0035
Mine Name:	Sunnyside Refuse/Slurry
Permittee:	Sunnyside Cogeneration Associates
Company Representative & Resident Agent:	Mr. Richard Carter One Power Plant Road PO Box 159 Sunnyside, UT 84539 (435) 888-4476 (435) 888-2538 fax
Date of Initial Permanent Program Permit:	February 4, 1993
Date of Most Recent Permit Renewal:	February 4, 2008
Date of Expiration:	February 4, 2013

In 2011, SCA received Phase 3 bond release for the Old Coarse Refuse Road reclamation.

SCA subsequently processed a permit amendment to modify the permit boundary and remove much of the reclaimed Old Coarse Refuse Road and other undisturbed areas from the permit area. This amendment was approved and the new boundary stakes were placed in 2011.

SCA also submitted an amendment to enlarge the Excess Spoil Disposal Area #2 (adding phase 2 and 3 portions to this disposal area) and reclaim the Phase 1 portion of this disposal area. This amendment was approved in early 2012 and the reclamation work (earthwork and seeding) on the Phase 1 portion has now been completed.

II. IDENTIFICATION OF OTHER PERMITS

MSHA ID Numbers:	Sunnyside Waste Coal Site	42-02093
	Coarse Refuse Pile	1211-UT-09-02093-01
	Excess Spoil Disposal Area #1	1211-UT-09-02093-04
	Excess Spoil Disposal Area #2	1211-UT-09-02093-05

UPDES Permit Number: UT0024759 Renewed effective August 1, 2007
Expires July 31, 2012
Permit renewal documents have already been submitted in preparation for the 2012 renewal

Air Quality Title V Operating Permit: #700030001

SCA renewed its Title V permit in 2007 and has again submitted documentation for renewal in 2012. Most of the emissions are associated with the power plant adjacent to the SCA Sunnyside mining permit area. The mining operation generates little to no emissions. However the Operating Permit covers all of SCA's operations in Sunnyside.

III. CERTIFIED REPORTS

Each impoundment and the Refuse Pile and Excess Spoil Disposal Areas were inspected in accordance with the requirements of the Mining and Reclamation Permit. The quarterly and annual inspection / certification reports were submitted to the Division throughout the year. These reports are also included in **Appendix A**.

All of the impoundments met or exceeded the storage capacity requirements identified in the permit. No discharges occurred from any of the impoundments during 2011.

All of the spoils materials and coal reject materials generated during 2011 were placed in the Excess Spoil Disposal Area #1. No new materials were placed in the Excess Spoil Disposal Area #2. Construction is progressing in general conformance with design requirements as currently approved.

SCA gathered soil samples from the Excess Spoil Disposal Area #1 at the end of 2010. The analytical test results from these samples were submitted to the Division together with the 1st Quarter 2011 inspection reports. This inspection report is included with these results in **Appendix A** in this report.

SCA also gathered soil samples from the Excess Spoil Disposal Area #2 at the end of 2011. The analytical test results from these samples are included at the end of **Appendix A**. These will also be submitted to the Division together with the 1st Quarter 2012 inspection reports.

Excavation of Coarse and Fine Refuse from the Refuse Pile occurred in general conformance with the operational criteria and performance standards established in the permit.

IV. REPORTING OF OTHER TECHNICAL DATA

1. Climatological Data

SCA has obtained precipitation and climatological data for 2011 from the Sunnyside Weather Station operated by the City of Sunnyside. A summary table identifying this data is included in **Appendix B-1.**

2. Subsidence Monitoring Data

No subsidence monitoring is required by the approved plan. No material damage or diminution within the Permit Area will be caused by subsidence because no underground coal resources are available within the permit area that would cause subsidence. No past or future underground coal mining operations have or are likely to occur within the SCA Permit Area.

3. Vegetation Monitoring Data

In 2011, SCA received Final Phase III Bond Release for the Old Coarse Refuse Road and removed much of the reclaimed area from the permit boundary.

During 2011, SCA began preparations for final reclamation treatment on the Phase 1 portion of the Excess Spoil Disposal Area #2. This reclamation work was completed in early 2012. Three feet of subsoil (mixed with weed free straw and fertilizer) plus one foot of clean borrow / topsoil material was placed on top of the spoil area. The reclaimed area was scarified and seeded with the reclamation seed mix recently approved by the Division.

In an effort to perform contemporaneous reclamation, SCA is committed to reclaim areas of two acres or larger that are permanently excavated of waste, and are no longer needed for the continued operations. There are currently no additional areas that meet these criteria.

Interim reseeding has been performed in previous years on several areas throughout the permit site. This interim seeding was accomplished using the approved interim seed mix included in the permit. These areas previously reseeded with the interim revegetation seed mix have been periodically checked by SCA and appear to have vegetative growth similar to the surrounding area.

4. Raptor Surveys and Wildlife Programs

Discussions were held in 1998 with the Division concerning whether or not raptor surveys would be needed. Both the permittee and the Division have agreed that, considering the location of the permit site and the ongoing nature of SCA's activities, it is highly unlikely that the mining and reclamation activities of SCA would negatively affect raptor nesting sites. Therefore, raptor studies would have little value and are not required by the approved permit. Hence, no raptor studies have been performed.

SCA is committed to carrying out its operations in a manner that minimizes potential impact on wildlife in the area. These operations are centered on excavation and hauling activities in and around the coal pile and storage areas. These operations continue to be performed in a manner that does not prevent the necessary migration of large mammals. No additional efforts have been requested by DOGM to provide for migration routes.

SCA also provides periodic wildlife awareness training during employee staff meetings to educate employees associated with the site activities regarding the values of the wildlife resources in the local area. Employee training advises against unnecessary harassment or taking of wildlife on site.

5. Water Monitoring Data

As required in the approved plan, SCA performed quarterly water monitoring at the specified surface and ground water monitoring locations. These sites were analyzed according to the Operational Water Quality Monitoring Parameters listed in the MRP (Appendix 7-8). The results of these analyses indicate that the water quality has remained in general similarity to that observed during the prior monitoring periods.

The 2011 water data from each of the quarterly monitoring periods was submitted to the Division throughout the year. An additional copy of the data has been included in **Appendix B-2** of this report.

6. Geological / Geophysical Data

No periodic Geological / Geophysical monitoring is required in the approved plan. The data included as resource information in the plan is considered adequate for the operations of SCA. In the event that the operations of SCA change dramatically such that additional geologic or geophysical data becomes necessary, additional analysis will be performed at that time.

7. Engineering Data

a. Refuse Excavation

During 2011, SCA burned 65,784 tons from the Sunnyside permit area. The Sunnyside facility also received and processed 340,854 tons from the Star Point facility; 100,667 tons from SCT; and 20,597 tons from Headwaters.

b. Excess Spoil Disposal Area #1

Placement and compaction of fill material occurred in this disposal area throughout 2011. Materials placed in the disposal area consist mostly of coarse refuse rejects, but also include some general spoils material. Approximately 99,305 tons of material were placed in this disposal area during 2011 (1st qtr. – 20,310; 2nd qtr. – 25,060; 3rd qtr. – 26,670; 4th qtr. – 27,265 tons). Material samples were taken near the end of 2010 and near the end of 2011. Lab analysis of these samples is provided with the quarterly inspections in Appendix A.

c. Excess Spoil Disposal Area #2

No new material was placed in this disposal area during 2011. Material samples were taken towards the end of 2009. Lab analysis of these samples is provided with the 1st quarter 2010 inspection report. Reclamation work on the Phase 1 portion of this Disposal Area #2 was completed during the first part of 2012.

Inspections of the refuse area and both spoils areas are conducted on a quarterly basis. Reports from these site visits are submitted to the Division throughout the year and have been included in this report with the certified reports.

8. Soils Monitoring Data

No periodic soil monitoring is required by the approved plan. The approved borrow areas reserved for reclamation activities have previously undergone soils studies from which the data is included in Chapter 2 of the Permit.

Subsoil material used for the reclamation of the Phase 1 portion of Excess Spoil Disposal Area #2 was tested prior to its use. Analytical results of these tests are included in the permit in Appendix 2-12.

In the event that SCA determines it necessary to utilize soils from other sources for reclamation, the proper analysis will be performed at that time.

9. Other Data

No additional periodic data is required in the approved plan.

V. LEGAL, FINANCIAL, COMPLIANCE & RELATED INFORMATION

Sunnyside Cogeneration Associates is a joint venture between Sunnyside Holdings I, Inc. and Sunnyside II, L.P. **Appendix C** includes copies of the Certificates of Existence for Sunnyside Cogeneration Associates, Sunnyside Holdings I. Inc. and Sunnyside II, L.P. The Utah Department of Commerce, Division of Corporations and Commercial Code issues these certificates. They demonstrate that the entities are in good standing with the State of Utah.

VI. MINE MAPS

The mine map included in **Appendix D** of this report includes recent site contours and a 2011 photograph showing the surface configuration of the refuse area being excavated. This refuse is then utilized as fuel for the adjacent Cogeneration Facility. The aerial survey used to generate contours of the site was performed in May 2010.

Mining excavation of the refuse pile has occurred in general conformance with the approved mining plan.

Mining activity proposed for the next five years is projected to occur in general conformance with the mining plan shown on the PE Certified drawings approved in the Mining and Reclamation Permit.

Print Form | Submit by Email | Reset Form

Annual Report

This Annual Report shows information the Division has for your mine. Submit the completed document and any additional information identified in the Appendices to the Division by **March 30, 2012.** During a complete inspection an inspector will check and verify the information.

GENERAL INFORMATION

Company Name	Sunnyside Cogeneration Associates	Mine Name	Sunnyside Refuse and Slurry
Permit Number	C/007/0035	Permit expiration Date	February 4, 2013
Operator Name	Rick Carter	Phone Number	+1 (435) 888-4476
Mailing Address	PO Box 159	Email	
City	Sunyside		
State	Utah	Zip Code	84539

		DOGM File Location or Annual Report Location
Excess Spoil Piles	☒ Required ☐ Not Required	Submitted quarterly to DOGM
Refuse Piles	☒ Required ☐ Not Required	Submitted quarterly to DOGM
Impoundments	☒ Required ☐ Not Required	Submitted quarterly to DOGM
Other:		

OPERATOR COMMENTS

All impoundments performed as designed with no discharges during 2011
The Refuse Pile is being excavated as intended and the Disposal Areas are being constructed in conformance with the approved plan

REVIEWER COMMENTS ☐ Met Requirements ☐ Did Not meet Requirements

COMMITMENTS AND CONDITIONS

The Permittee is responsible for ensuring annual technical commitments in the Mining and Reclamation Plan and conditions accepted with the permit are completed throughout the year. The Division has identified these commitments below and has provided space for you to report what you have done during the past year for each commitment. If additional written response is required, it should be filed as an attachment to this report.

Title: ANNUAL RECLAMATION

Objective: To reclaim areas no longer needed for mining activities and to reduce the acreage under the currency reclamation cost estimate.
Frequency: Annually
Status: Ongoing, excess spoil pile #2 may have reached designed capacity in 2010.
Reports: Annual- Summary of Reclamation work and include vegetation monitoring reports (if any).
Citation: MRP, Book 6, Chapter 9, page 900-25, section 9.12, paragraph 2.

Operator Comments

The Phase 1 portion of the Excess Spoil Disposal Area #2 has recently been covered with 4 ft of soil, scarified and seeded per the approved plan. SCA may request Phase 1 bond release for this work. No vegetation monitoring has yet been prepared for this area.

The Old Coarse Refuse Road reclamation received Phase III bond release during 2011. No future monitoring will be performed on this area.

Reviewer Comments ☐ Met Requirements ☐ Did Not Meet Requirements

Title: EXCESS SPOIL (REFUSE) SAMPLING

Objective: To evaluate the chemistry of the waste rock for the purpose of determining final cover depth requirement per R-645-301-553.252.
Frequency: After completion of each 2-4 ft. lift.
Status: Ongoing.
Reports: Annual report
Citation: MRP, Chapter 9, page 900-12 and Appendices 9.5 and 9-7.

Operator Comments

SCA completed sampling of material placed in the Excess Spoil Disposal Area #1. Samples were composited and tested at BYU soils lab for parameters and methods as directed by the Division. Test results are included in Appendix A of the Annual Report and also submitted to the Division with 1st qtr 2012 inspection report.

No material was placed in Excess Spoil Disposal Area #2 during 2011, so no additional testing was performed on this site.

Reviewer Comments ☐ Met Requirements ☐ Did Not Meet Requirements

FUTURE COMMITMENTS AND CONDITIONS

The following commitments are not required for the current annual report year, but will be required by the permittee in the future as indicated by the "status" field. These commitments are included for information only, and do not currently require action. If you feel that the commitment is no longer relevant or needs to be revised, please contact the Division.

Title: REFUSE SAMPLING PRIOR TO FINAL RECLAMATION
Objective: To sample the remainder of the refuse and slurry areas for acid/toxic parameters prior to final reclamation.
Frequency: Final Reclamation
Status: Ongoing
Reports: Annual
Citation: MRP, Chapter 7, Section 731.300 thru 731.320, page 700-15.

OPERATOR COMMENTS (OPTIONAL)

Surface sampling of refuse material remaining in the coarse refuse pile is scheduled to occur prior to final reclamation. No reclamation has occurred on the pile, hence the sampling program is deferred.

SCA has recently reclaimed the Phase 1 portion of the Excess Spoil Disposal Area #2. Samples were taken of the surface material on this pile and test results were provided with the 1st quarter 2010 inspection reports. No acid/toxic concerns were noted. SCA covered this area with 4 feet of soil.

REVIEWER COMMENTS

REPORTING OF OTHER TECHNICAL DATA

Please list other technical data or information that was not included in the form above, but is required under the approved plan, which must be periodically submitted to the Division.

Please list attachments:

Sunnyside City climate data (temperature and precipitation) for 2011 is submitted with this report.
No subsidence monitoring is required
No raptor surveys are required
Quarterly water monitoring reports are submitted to the Division throughout the year.
No Geological monitoring is required

Reviewer Comments

MAPS

Copies of mine maps, current and up-to-date through at least December 31, 2011, are to be provided to the Division as an attachment to this report in accordance with the requirements of R645-301-525.240. The map copies shall be made in accordance with 30 CFR 75.1200 as required by MSHA. Mine maps are not considered confidential.

Map Name	Map Number	Included		Confidential	
		Yes	No	Yes	No
Mine Map	1	☒	☐	☐	☒
Mine sequencing plan is current in Permit documen	9-4	☐	☒	☐	☒
		☐	☐	☐	☐
		☐	☐	☐	☐
		☐	☐	☐	☐

Reviewer Comments ☐ Met Requirements ☐ Did Not Meet Requirements

APPENDIX A
CERTIFIED REPORTS

APPENDIX A
CERTIFIED REPORTS

FIRST QUARTER INSPECTION

IMPOUNDMENTS, REFUSE PILE AND DISPOSAL AREAS

Sunnyside Cogeneration Associates

P.O. Box 10, East Carbon, Utah 84520 • (435) 888-4476 • Fax (435) 888-2538

April 25, 2011

Daron Haddock
Utah Division of Oil, Gas & Mining
1594 W. North Temple, Suite 1210
Salt Lake City, Utah 84116

RE: 1st Quarter 2011 Inspection Report
Sunnyside Refuse Pile C/007/035

Dear Daron:

Please find enclosed a copy of the First Quarter 2011 Inspection Report for Sunnyside Cogeneration Associates' impoundments, refuse pile and excess spoil areas.

Should you have any questions, please contact Rusty Netz or myself at (435)888-4476.

Thank you,

Richard Carter
Agent For
Sunnyside Cogeneration Associates

c.c. Steve Gross
William Rossiter
Paul Shepard
Maggie Estrada
Rusty Netz
Plant File

IMPOUNDMENT INSPECTION AND CERTIFIED REPORT

GENERAL INFORMATION **Railcut Sediment Pond**

Report Date	April 20, 2011
Permit Number	C/007/035
Mine Name	Sunnyside Refuse and Slurry
Company Name	Sunnyside Cogeneration Associates

IMPOUNDMENT IDENTIFICATION

Impoundment Name	RailCut Sediment Pond
Impoundment Number	007
UPDES Permit Number	UT024759
MSHA ID Number	N/A

IMPOUNDMENT INSPECTION

Inspection Date	March 24, 2011
Inspected by	Rusty Netz
Reason for Inspection	First Quarter Inspection 2011

1. Describe any appearance of any instability, structural weakness, or any other hazardous condition.

None

a. Sediment storage capacity, including elevation of 60% and 100% sediment storage volumes, and estimated average elevation of existing sediment.

Total Pond Volume = 4.8 Acre-feet
Pond bottom elevation = 6206.0
100% Sediment Storage Volume = 0.34 acre-feet at Elevation 6209
60% sediment Storage Volume = 0.2 acre feet at Elevation = 6207.7
Existing Sediment Elevation = 6207.2 +/-

b. Principle and emergency spillway elevations.

Primary Dewatering Pipe = 6209.07
Emergency Spillway Elevation = 6212.34

2. Field Information

Provide current water elevation, whether pond is discharging, type and number of samples taken, monitoring/ instrumentation information, inlet/ outlet conditions, or other related activities associated with the pond including but not limited to sediment cleanout, pond decanting, embankment erosion/ repairs, monitoring information, vegetation on outslopes of embankments, etc.

Pond had some water in it. No samples were taken Pond did not require decanting
Sediment levels were good
Embankment conditions were good. Vegetation on outslopes was adequate.
Inlet / Outlet conditions were good. No structural or hazardous conditions were observed.

IMPOUNDMENT INSPECTION AND CERTIFIED REPORT

Rail Cut Sediment Pond

3. Field Evaluation.

Describe any changes in the geometry of the impounding structure, average and maximum depths and elevation of impounded water, estimated sediment or slurry volume and remaining storage capacity, estimated volume of water impounded, and any other aspect of the impounding structure affecting its stability or function which has occurred during the reporting period

No recent changes in the geometry of the structure have been observed
Some water was impounded
No other aspects of the impounding structure were observed that could affect its stability or functionality.

QUALIFICATION STATEMENT:

I hereby certify that; I am experienced in the construction of impoundments; I am qualified and authorized under the direction of a Registered Professional Engineer to inspect the condition and appearance of impoundments in accordance with the certified and approved designs for this structure; that the impoundment has been maintained in accordance with approved designs and meets or exceeds the minimum design requirements under all applicable federal, state and local regulations; and that inspections are made by myself and include any appearances of instability, structural weakness or other hazardous condition of the structure affecting stability.

Signature: Rusty Nody Date: 4/25/11

CERTIFIED REPORT
IMPOUNDMENT EVALUATION

If you answer NO to these questions, please explain under comments

1. Is impoundment designed and constructed in accordance with the approved plan? YES
2. Is impoundment free of instability, structural weakness, or any other hazardous conditions? YES
3. Has the impoundment met all applicable performance standards and effluent limitations from the previous date of inspection? YES

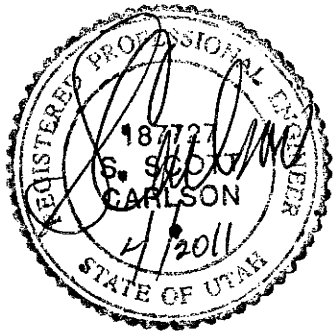
COMMENTS/ OTHER INFORMATION

None

CERTIFICATION STATEMENT:

I hereby certify that: I am experienced in the construction of impoundments; I am qualified and authorized in the State of Utah to inspect and certify the condition and appearance of impoundments in accordance with the certified and approved designs for this structure; that the impoundment has been maintained in accordance with approved designs and meets or exceeds the minimum design requirements under all applicable federal, state and local regulations; and that inspections and inspection reports are made by myself or under my direction and include any appearances of instability, structural weakness or other hazardous conditions of the structure affecting stability in accordance with the Utah R645 Coal Mining Rules.

By: S. Scott Carlson, PE, Twin Peaks, P.C.
P.E. Number & State: 187727 UTAH



Affix Signature, Stamp and Date

IMPOUNDMENT INSPECTION AND CERTIFIED REPORT

Old Coarse Refuse Road Sediment Pond

GENERAL INFORMATION

Report Date	April 20, 2011
Permit Number	C/007/035
Mine Name	Sunnyside Refuse and Slurry
Company Name	Sunnyside Cogeneration Associates

IMPOUNDMENT IDENTIFICATION

Impoundment Name	Old Coarse Refuse Road Sediment Pond
Impoundment Number	008
UPDES Permit Number	UT024759
MSHA ID Number	N/A

IMPOUNDMENT INSPECTION

Inspection Date	March 24, 2011
Inspected by	Rusty Netz
Reason for Inspection	First Quarter Inspection 2011

1. Describe any appearance of any instability, structural weakness, or any other hazardous condition.

None

a. Sediment storage capacity, including elevation of 60% and 100% sediment storage volumes, and estimated average elevation of existing sediment.

Total Pond Volume = 0.9 Acre-feet
Pond bottom elevation = 6394.0
100% Sediment Storage Volume = 0.08 acre-feet at Elevation 6395.1
60% sediment Storage Volume = 0.05 acre feet at Elevation = 6394.75
Existing Sediment Elevation = 6394.4 +/-

b. Principle and emergency spillway elevations.

Primary Dewatering Pipe = 6395.75
Emergency Spillway Elevation = 6399.4

2. Field Information

Provide current water elevation, whether pond is discharging, type and number of samples taken, monitoring/ instrumentation information, inlet/ outlet conditions, or other related activities associated with the pond including but not limited to sediment cleanout, pond decanting, embankment erosion/ repairs, monitoring information, vegetation on outslopes of embankments, etc.

Pond had some water in it. No samples were taken Pond did not require decanting.
Sediment level was good.
Embankment conditions were good. Vegetation on outslopes was adequate.
Inlet / Outlet conditions were good. No structural or hazardous conditions were observed.

IMPOUNDMENT INSPECTION AND CERTIFIED REPORT

Old Coarse Refuse Road Sediment Pond

3. Field Evaluation.

Describe any changes in the geometry of the impounding structure, average and maximum depths and elevation of impounded water, estimated sediment or slurry volume and remaining storage capacity, estimated volume of water impounded, and any other aspect of the impounding structure affecting its stability or function which has occurred during the reporting period

No recent changes in the geometry of the structure have been observed
Some water was impounded
Sediment level was good.
No other aspects of the impounding structure were observed that could affect its stability or functionality.

QUALIFICATION STATEMENT:

I hereby certify that; I am experienced in the construction of impoundments; I am qualified and authorized under the direction of a Registered Professional Engineer to inspect the condition and appearance of impoundments in accordance with the certified and approved designs for this structure; that the impoundment has been maintained in accordance with approved designs and meets or exceeds the minimum design requirements under all applicable federal, state and local regulations; and that inspections are made by myself and include any appearances of instability, structural weakness or other hazardous condition of the structure affecting stability.

Signature: Rusty Roty Date: 4/25/11

CERTIFIED REPORT
IMPOUNDMENT EVALUATION

If you answer NO to these questions, please explain under comments

1. Is impoundment designed and constructed in accordance with the approved plan? YES
2. Is impoundment free of instability, structural weakness, or any other hazardous conditions? YES
3. Has the impoundment met all applicable performance standards and effluent limitations from the previous date of inspection? YES

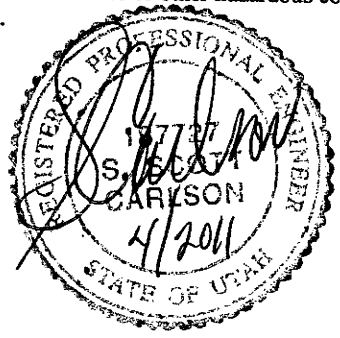
COMMENTS/ OTHER INFORMATION

None

CERTIFICATION STATEMENT:

I hereby certify that: I am experienced in the construction of impoundments; I am qualified and authorized in the State of Utah to inspect and certify the condition and appearance of impoundments in accordance with the certified and approved designs for this structure; that the impoundment has been maintained in accordance with approved designs and meets or exceeds the minimum design requirements under all applicable federal, state and local regulations; and that inspections and inspection reports are made by myself or under my direction and include any appearances of instability, structural weakness or other hazardous conditions of the structure affecting stability in accordance with the Utah R645 Coal Mining Rules.

By: S. Scott Carlson, PE, Twin Peaks, P.C.
P.E. Number & State: 187727 UTAH



Affix Signature, Stamp and Date

IMPOUNDMENT INSPECTION AND CERTIFIED REPORT

Pasture Sediment Pond

GENERAL INFORMATION

Report Date	April 20, 2011
Permit Number	C/007/035
Mine Name	Sunnyside Refuse and Slurry
Company Name	Sunnyside Cogeneration Associates

IMPOUNDMENT IDENTIFICATION

Impoundment Name	Pasture Sediment Pond
Impoundment Number	009
UPDES Permit Number	UT024759
MSHA ID Number	N/A

IMPOUNDMENT INSPECTION

Inspection Date	March 24, 2011
Inspected by	Rusty Netz
Reason for Inspection	First Quarter Inspection 2011

1. Describe any appearance of any instability, structural weakness, or any other hazardous condition.

None

a. Sediment storage capacity, including elevation of 60% and 100% sediment storage volumes, and estimated average elevation of existing sediment.

Total Pond Volume = 3.2 Acre-feet
Pond bottom elevation = 6484.5
100% Sediment Storage Volume = 0.42 acre-feet at Elevation 6486.2
60% sediment Storage Volume = 0.25 acre feet at Elevation = 6485.5
Existing Sediment Elevation = 6485.1 +/-

b. Principle and emergency spillway elevations.

Primary Dewatering Pipe = 6486.6
Emergency Spillway Elevation = 6490.6

2. Field Information

Provide current water elevation, whether pond is discharging, type and number of samples taken, monitoring/ instrumentation information, inlet/ outlet conditions, or other related activities associated with the pond including but not limited to sediment cleanout, pond decanting, embankment erosion/ repairs, monitoring information, vegetation on outslopes of embankments, etc.

Pond had some water in it. No samples were taken Pond did not require decanting.
Sediment level was good
Embankment conditions were good. Vegetation on outslopes was adequate.
Inlet / Outlet conditions were good. No structural or hazardous conditions were observed.

IMPOUNDMENT INSPECTION AND CERTIFIED REPORT

Pasture Sediment Pond

3. Field Evaluation.

Describe any changes in the geometry of the impounding structure, average and maximum depths and elevation of impounded water, estimated sediment or slurry volume and remaining storage capacity, estimated volume of water impounded, and any other aspect of the impounding structure affecting its stability or function which has occurred during the reporting period

No recent changes in the geometry of the structure were observed.
Some water was impounded
Sediment level was good.
No other aspects of the impounding structure were observed that could affect its stability or functionality.

QUALIFICATION STATEMENT:

I hereby certify that; I am experienced in the construction of impoundments; I am qualified and authorized under the direction of a Registered Professional Engineer to inspect the condition and appearance of impoundments in accordance with the certified and approved designs for this structure; that the impoundment has been maintained in accordance with approved designs and meets or exceeds the minimum design requirements under all applicable federal, state and local regulations; and that inspections are made by myself and include any appearances of instability, structural weakness or other hazardous condition of the structure affecting stability.

Signature: Rusty Roty Date: 4/25/11

CERTIFIED REPORT IMPOUNDMENT EVALUATION

If you answer NO to these questions, please explain under comments

1. Is impoundment designed and constructed in accordance with the approved plan? YES
2. Is impoundment free of instability, structural weakness, or any other hazardous conditions? YES
3. Has the impoundment met all applicable performance standards and effluent limitations from the previous date of inspection? YES

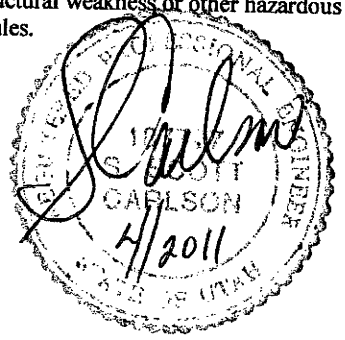
COMMENTS/ OTHER INFORMATION

None

CERTIFICATION STATEMENT:

I hereby certify that: I am experienced in the construction of impoundments; I am qualified and authorized in the State of Utah to inspect and certify the condition and appearance of impoundments in accordance with the certified and approved designs for this structure; that the impoundment has been maintained in accordance with approved designs and meets or exceeds the minimum design requirements under all applicable federal, state and local regulations; and that inspections and inspection reports are made by myself or under my direction and include any appearances of instability, structural weakness or other hazardous conditions of the structure affecting stability in accordance with the Utah R645 Coal Mining Rules.

By: S. Scott Carlson, PE, Twin Peaks, P.C.
P.E. Number & State: 187727 UTAH



Affix Signature, Stamp and Date

IMPOUNDMENT INSPECTION AND CERTIFIED REPORT

Coarse Refuse Toe Sediment Pond

GENERAL INFORMATION

Report Date	April 20, 2011
Permit Number	C/007/035
Mine Name	Sunnyside Refuse and Slurry
Company Name	Sunnyside Cogeneration Associates

IMPOUNDMENT IDENTIFICATION

Impoundment Name	New Coarse Refuse Toe Sediment Pond
Impoundment Number	012
UPDES Permit Number	UT024759
MSHA ID Number	N/A

IMPOUNDMENT INSPECTION

Inspection Date	March 24, 2011
Inspected by	Rusty Netz
Reason for Inspection	First Quarter Inspection 2011

1. Describe any appearance of any instability, structural weakness, or any other hazardous condition.

None

a. Sediment storage capacity, including elevation of 60% and 100% sediment storage volumes, and estimated average elevation of existing sediment.

Total Pond Volume = 1.6 Acre-feet
Pond bottom elevation = 6176.0
100% Sediment Storage Volume = 0.07 acre-feet at Elevation 6177.8
60% sediment Storage Volume = 0.03 acre feet at Elevation = 6177.0
Existing Sediment Elevation = 6176.6 +/-

b. Principle and emergency spillway elevations.

Primary Dewatering Pipe = 6178.2
Emergency Spillway Elevation = 6183.63

2. Field Information

Provide current water elevation, whether pond is discharging, type and number of samples taken, monitoring/ instrumentation information, inlet/ outlet conditions, or other related activities associated with the pond including but not limited to sediment cleanout, pond decanting, embankment erosion/ repairs, monitoring information, vegetation on outslopes of embankments, etc.

Pond had some water in it. No samples were taken Pond did not require decanting
Sediment level was good
Embankment conditions were good. Vegetation on outslopes was adequate.
Inlet / Outlet conditions were good. No structural or hazardous conditions were observed.

IMPOUNDMENT INSPECTION AND CERTIFIED REPORT

Coarse Refuse Toe Sediment Pond

3. Field Evaluation.

Describe any changes in the geometry of the impounding structure, average and maximum depths and elevation of impounded water, estimated sediment or slurry volume and remaining storage capacity, estimated volume of water impounded, and any other aspect of the impounding structure affecting its stability or function which has occurred during the reporting period

No recent changes in the geometry of the structure have been observed
Some water was impounded
Sediment level was good.
No other aspects of the impounding structure were observed that could affect its stability or functionality.

QUALIFICATION STATEMENT:

I hereby certify that; I am experienced in the construction of impoundments; I am qualified and authorized under the direction of a Registered Professional Engineer to inspect the condition and appearance of impoundments in accordance with the certified and approved designs for this structure; that the impoundment has been maintained in accordance with approved designs and meets or exceeds the minimum design requirements under all applicable federal, state and local regulations; and that inspections are made by myself and include any appearances of instability, structural weakness or other hazardous condition of the structure affecting stability.

Signature: Rusty Nty Date: 4/25/11

CERTIFIED REPORT
IMPOUNDMENT EVALUATION

If you answer NO to these questions, please explain under comments

1. Is impoundment designed and constructed in accordance with the approved plan? YES
2. Is impoundment free of instability, structural weakness, or any other hazardous conditions? YES
3. Has the impoundment met all applicable performance standards and effluent limitations from the previous date of inspection? YES

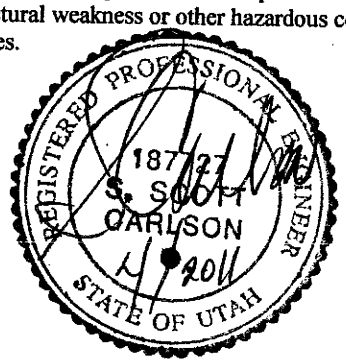
COMMENTS/ OTHER INFORMATION

None

CERTIFICATION STATEMENT:

I hereby certify that: I am experienced in the construction of impoundments; I am qualified and authorized in the State of Utah to inspect and certify the condition and appearance of impoundments in accordance with the certified and approved designs for this structure; that the impoundment has been maintained in accordance with approved designs and meets or exceeds the minimum design requirements under all applicable federal, state and local regulations; and that inspections and inspection reports are made by myself or under my direction and include any appearances of instability, structural weakness or other hazardous conditions of the structure affecting stability in accordance with the Utah R645 Coal Mining Rules.

By: S. Scott Carlson, PE, Twin Peaks, P.C.
P.E. Number & State: 187727 UTAH



Affix Signature, Stamp and Date

IMPOUNDMENT INSPECTION AND CERTIFIED REPORT

GENERAL INFORMATION **Coal Pile Sediment Pond**

Report Date	April 20, 2011
Permit Number	C/007/035
Mine Name	Sunnyside Refuse and Slurry
Company Name	Sunnyside Cogeneration Associates

IMPOUNDMENT IDENTIFICATION

Impoundment Name	Coal Pile Sediment Pond
Impoundment Number	014
UPDES Permit Number	UT024759
MSHA ID Number	N/A

IMPOUNDMENT INSPECTION

Inspection Date	March 24, 2011
Inspected by	Rusty Netz
Reason for Inspection	First Quarter Inspection 2011

1. Describe any appearance of any instability, structural weakness, or any other hazardous condition.

None

a. Sediment storage capacity, including elevation of 60% and 100% sediment storage volumes, and estimated average elevation of existing sediment.

Total Pond Volume = 1.5 Acre-feet
Pond bottom elevation = 6473.0
100% Sediment Storage Volume = 0.5 acre-feet at Elevation 6476.0
60% sediment Storage Volume = 0.3 acre feet at Elevation = 6474.7
Existing Sediment Elevation = 6474 +/-

b. Principle and emergency spillway elevations.

Primary Dewatering Pipe = 6476.0
Secondary Dewatering Orifice = 6477.2
Primary Spillway Elevation = 6477.9
Emergency Spillway Elevation = 6479.0

2. Field Information

Provide current water elevation, whether pond is discharging, type and number of samples taken, monitoring/ instrumentation information, inlet/ outlet conditions, or other related activities associated with the pond including but not limited to sediment cleanout, pond decanting, embankment erosion/ repairs, monitoring information, vegetation on outslopes of embankments, etc.

Pond had some water in it. No samples were taken Pond did not require decanting.
Sediment level was good.
Embankment conditions were good. Vegetation on outslopes was adequate.
Inlet / Outlet conditions were good. No structural or hazardous conditions were observed.

IMPOUNDMENT INSPECTION AND CERTIFIED REPORT

Coal Pile Sediment Pond

3. Field Evaluation.

Describe any changes in the geometry of the impounding structure, average and maximum depths and elevation of impounded water, estimated sediment or slurry volume and remaining storage capacity, estimated volume of water impounded, and any other aspect of the impounding structure affecting its stability or function which has occurred during the reporting period

No recent changes in the geometry of the structure have been observed
Some water was impounded
Sediment level was good.
No other aspects of the impounding structure were observed that could affect its stability or functionality.

QUALIFICATION STATEMENT:

I hereby certify that; I am experienced in the construction of impoundments; I am qualified and authorized under the direction of a Registered Professional Engineer to inspect the condition and appearance of impoundments in accordance with the certified and approved designs for this structure; that the impoundment has been maintained in accordance with approved designs and meets or exceeds the minimum design requirements under all applicable federal, state and local regulations; and that inspections are made by myself and include any appearances of instability, structural weakness or other hazardous condition of the structure affecting stability.

Signature: Rusty Doty Date: 4/25/11

CERTIFIED REPORT
IMPOUNDMENT EVALUATION

If you answer NO to these questions, please explain under comments

1. Is impoundment designed and constructed in accordance with the approved plan? YES
2. Is impoundment free of instability, structural weakness, or any other hazardous conditions? YES
3. Has the impoundment met all applicable performance standards and effluent limitations from the previous date of inspection? YES

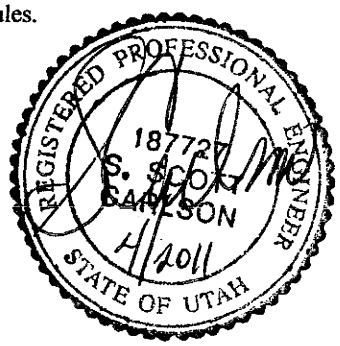
COMMENTS/ OTHER INFORMATION

None

CERTIFICATION STATEMENT:

I hereby certify that: I am experienced in the construction of impoundments; I am qualified and authorized in the State of Utah to inspect and certify the condition and appearance of impoundments in accordance with the certified and approved designs for this structure; that the impoundment has been maintained in accordance with approved designs and meets or exceeds the minimum design requirements under all applicable federal, state and local regulations; and that inspections and inspection reports are made by myself or under my direction and include any appearances of instability, structural weakness or other hazardous conditions of the structure affecting stability in accordance with the Utah R645 Coal Mining Rules.

By: S. Scott Carlson, PE, Twin Peaks, P.C.
P.E. Number & State: 187727 UTAH



Affix Signature, Stamp and Date

IMPOUNDMENT INSPECTION AND CERTIFIED REPORT

Borrow Area Sediment Pond

GENERAL INFORMATION

Report Date	April 20, 2011
Permit Number	C/007/035
Mine Name	Sunnyside Refuse and Slurry
Company Name	Sunnyside Cogeneration Associates

IMPOUNDMENT IDENTIFICATION

Impoundment Name	Borrow Area Sediment Pond
Impoundment Number	016
UPDES Permit Number	UT024759
MSHA ID Number	N/A

IMPOUNDMENT INSPECTION

Inspection Date	March 24, 2011
Inspected by	Rusty Netz
Reason for Inspection	First Quarter Inspection 2011

1. Describe any appearance of any instability, structural weakness, or any other hazardous condition.

None

a. Sediment storage capacity, including elevation of 60% and 100% sediment storage volumes, and estimated average elevation of existing sediment.

Total Pond Volume = 8.3 Acre-feet
Pond bottom elevation = 6510.0
100% Sediment Storage Volume = 2.3 acre-feet at Elevation 6514.3
60% sediment Storage Volume = 1.4 acre feet at Elevation = 6513.3
Existing Sediment Elevation = 6511 +/-

b. Principle and emergency spillway elevations.

Primary Dewatering Pipe = 6514.3
Emergency Spillway Elevation = 6517.03

2. Field Information

Provide current water elevation, whether pond is discharging, type and number of samples taken, monitoring/ instrumentation information, inlet/ outlet conditions, or other related activities associated with the pond including but not limited to sediment cleanout, pond decanting, embankment erosion/ repairs, monitoring information, vegetation on outslopes of embankments, etc.

Pond had no water in it. No samples were taken
Sediment level was good. Pond did not require decanting.
Embankment conditions were good. Vegetation on outslopes was adequate.
Inlet / Outlet conditions were good. No structural or hazardous conditions were observed.

IMPOUNDMENT INSPECTION AND CERTIFIED REPORT

Borrow Area Sediment Pond

3. Field Evaluation.

Describe any changes in the geometry of the impounding structure, average and maximum depths and elevation of impounded water, estimated sediment or slurry volume and remaining storage capacity, estimated volume of water impounded, and any other aspect of the impounding structure affecting its stability or function which has occurred during the reporting period

No recent changes in the geometry of the structure have been observed
No water was impounded
Sediment level was good.
No other aspects of the impounding structure were observed that could affect its stability or functionality.

QUALIFICATION STATEMENT:

I hereby certify that; I am experienced in the construction of impoundments; I am qualified and authorized under the direction of a Registered Professional Engineer to inspect the condition and appearance of impoundments in accordance with the certified and approved designs for this structure; that the impoundment has been maintained in accordance with approved designs and meets or exceeds the minimum design requirements under all applicable federal, state and local regulations; and that inspections are made by myself and include any appearances of instability, structural weakness or other hazardous condition of the structure affecting stability.

Signature: Rusty Roty Date: 4/25/11

CERTIFIED REPORT
IMPOUNDMENT EVALUATION

If you answer NO to these questions, please explain under comments

1. Is impoundment designed and constructed in accordance with the approved plan? YES
2. Is impoundment free of instability, structural weakness, or any other hazardous conditions? YES
3. Has the impoundment met all applicable performance standards and effluent limitations from the previous date of inspection? YES

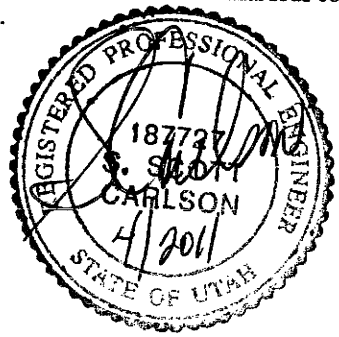
COMMENTS/ OTHER INFORMATION

None

CERTIFICATION STATEMENT:

I hereby certify that: I am experienced in the construction of impoundments; I am qualified and authorized in the State of Utah to inspect and certify the condition and appearance of impoundments in accordance with the certified and approved designs for this structure; that the impoundment has been maintained in accordance with approved designs and meets or exceeds the minimum design requirements under all applicable federal, state and local regulations; and that inspections and inspection reports are made by myself or under my direction and include any appearances of instability, structural weakness or other hazardous conditions of the structure affecting stability in accordance with the Utah R645 Coal Mining Rules.

By: S. Scott Carlson, PE, Twin Peaks, P.C.
P.E. Number & State: 187727 UTAH



Affix Signature, Stamp and Date

INSPECTION AND CERTIFIED REPORT ON EXCESS SPOIL PILE OR REFUSE PILE

GENERAL INFORMATION **Coarse Refuse Pile**

Report Date	April 20, 2011
Permit Number	C/007/035
Mine Name	Sunnyside Refuse and Slurry
Company Name	Sunnyside Cogeneration Associates

EXCESS SPOIL PILE OR REFUSE PILE IDENTIFICATION

Pile Name	Coarse Refuse Pile
Pile Number	N/A
MSHA ID Number	1211-UT-09-02093-01

Inspection Date	March 24, 2011
Inspected by	Rusty Netz
Reason for Inspection	First Quarter Inspection 2011

Attachment to Report? (such as refuse sample analysis or photos) **NO**

Field Evaluation

1. Foundation preparation, including the removal of all organic material and topsoil.

N/A

2. Placement of underdrains and protective filter systems.

N/A

3. Installation of final surface drainage systems

N/A

4. Placement and compaction of fill materials

N/A - Activities occurring at this time are associated with removal of refuse material

5. Final grading and revegetation of fill.

N/A

6. Appearances of instability, structural weakness, and other hazardous conditions

No aspects of the Fill structure were observed that could affect its stability or functionality

INSPECTION AND CERTIFIED REPORT ON EXCESS SPOIL PILE OR REFUSE PILE

Coarse Refuse Pile

7. Other comments. Describe any changes in the geometry of the Excess Spoil/Refuse Pile structure, instrumentation, average and maximum lifts of materials placed in the pile, elevations of active benches, total and remaining storage capacity of the structure, evidence of fires in the pile and abatement of such fires, volumes of materials placed in the structure during the year, and any other aspect of the structure affecting its stability or function which has occurred during the reporting period

Refuse material is actively being excavated and removed from various locations across the top of the pile

QUALIFICATION STATEMENT:

I hereby certify that; I am experienced in the construction of earth and rock fills; I am qualified and authorized under the direction of a Registered Professional Engineer to inspect the condition and appearance of earth and rock fills in accordance with the certified and approved designs for this structure; that the fill structure has been maintained in accordance with approved design and meets or exceeds the minimum design requirements under all applicable federal, state and local regulations; and that inspections are made by myself and include any appearances of instability, structural weakness or other hazardous condition of the structure affecting stability.

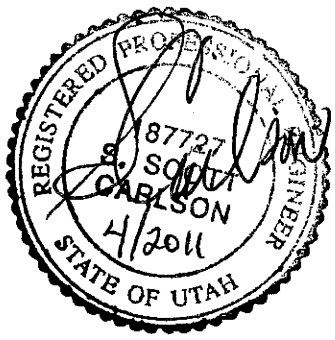
Signature: Rusty Doty Date: 4/25/11

CERTIFICATION STATEMENT

I hereby certify that: I am experienced in the construction of earth and rock fills; I am qualified and authorized in the State of Utah to inspect and certify the condition and appearance of earth and rock fills in accordance with the certified and approved designs for this structure; that the fill structure has been maintained in accordance with the approved design and meets or exceeds the minimum design requirements under all applicable federal, state, and local regulations; and, that inspections and inspection reports are made by myself or under my direction and include any appearances of instability, structural weakness or other hazardous conditions of the structure affecting stability.

By: S. Scott Carlson, PE, Twin Peaks, P.C.
P.E. Number & State: 187727 UTAH

Affix Signature, Stamp and Date



INSPECTION AND CERTIFIED REPORT ON EXCESS SPOIL PILE OR REFUSE PILE

GENERAL INFORMATION **Excess Spoil Disposal Area #1**

Report Date	April 20, 2011
Permit Number	C/007/035
Mine Name	Sunnyside Refuse and Slurry
Company Name	Sunnyside Cogeneration Associates

EXCESS SPOIL PILE OR REFUSE PILE IDENTIFICATION

Pile Name	Excess Spoil Disposal Area #1
Pile Number	N/A
MSHA ID Number	1211-UT-09-02093-04

Inspection Date	March 24, 2011
Inspected by	Rusty Netz
Reason for Inspection	First Quarter Inspection 2011

Attachment to Report? (such as refuse sample analysis or photos) **YES**

Field Evaluation

1. Foundation preparation, including the removal of all organic material and topsoil.

   N/A

2. Placement of underdrains and protective filter systems.

   N/A

3. Installation of final surface drainage systems

   N/A

4. Placement and compaction of fill materials

   Approximately 20,310 tons of material were placed during the quarter.

5. Final grading and revegetation of fill.

   N/A

6. Appearances of instability, structural weakness, and other hazardous conditions

   No aspects of the Fill structure were observed that could affect its stability or functionality

INSPECTION AND CERTIFIED REPORT ON EXCESS SPOIL PILE OR REFUSE PILE

Excess Spoil Disposal Area #1

7. Other comments. Describe any changes in the geometry of the Excess Spoil/Refuse Pile structure, instrumentation, average and maximum lifts of materials placed in the pile, elevations of active benches, total and remaining storage capacity of the structure, evidence of fires in the pile and abatement of such fires, volumes of materials placed in the structure during the year, and any other aspect of the structure affecting its stability or function which has occurred during the reporting period

Construction of the fill has been proceeding in shallow lifts in general conformance with the approved plan.

Material samples were taken towards the end of 2010. Analytical results of these samples have been received and are included as an attachment to this report.

QUALIFICATION STATEMENT:

I hereby certify that; I am experienced in the construction of earth and rock fills; I am qualified and authorized under the direction of a Registered Professional Engineer to inspect the condition and appearance of earth and rock fills in accordance with the certified and approved designs for this structure; that the fill structure has been maintained in accordance with approved design and meets or exceeds the minimum design requirements under all applicable federal, state and local regulations; and that inspections are made by myself and include any appearances of instability, structural weakness or other hazardous condition of the structure affecting stability.

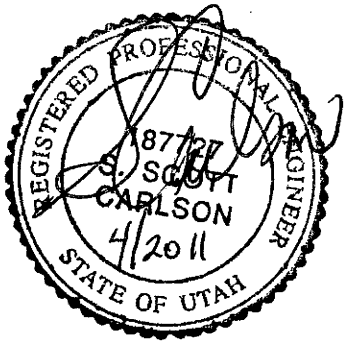
Signature: Rusty Ritz Date: 4/25/11

CERTIFICATION STATEMENT

I hereby certify that: I am experienced in the construction of earth and rock fills; I am qualified and authorized in the State of Utah to inspect and certify the condition and appearance of earth and rock fills in accordance with the certified and approved designs for this structure; that the fill structure has been maintained in accordance with the approved design and meets or exceeds the minimum design requirements under all applicable federal, state, and local regulations; and, that inspections and inspection reports are made by myself or under my direction and include any appearances of instability, structural weakness or other hazardous conditions of the structure affecting stability.

By: S. Scott Carlson, PE, Twin Peaks, P.C.
P.E. Number & State: 187727 UTAH

Affix Signature, Stamp and Date



AMERICAN WEST ANALYTICAL LABORATORIES

463 West 3600 South
Salt Lake City, Utah
84115

(801) 263-8686
Toll Free (888) 263-8686
Fax (801) 263-8687
mail: awal@awal-labs.com

Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer

Rusty Netz
Sunnyside Cogeneration
PO Box 159
Sunnyside, UT 84539
TEL: (435) 888-4476

RE: DOGM Spoils #1

Dear Rusty Netz:

Lab Set ID: 1101259

American West Analytical Laboratories received 1 sample(s) on 1/19/2011 for the analyses presented in the following report.

All analyses were performed in accordance to The NELAC Institute protocols unless noted otherwise. American West Analytical Laboratories is certified by The NELAC Institute in Utah and Texas; and is state certified in Colorado and Idaho. Certification document is available upon request. If you have any questions or concerns regarding this report please feel free to call.

The abbreviation "Surr" found in organic reports indicates a surrogate compound that is intentionally added by the laboratory to determine sample injection, extraction, and/or purging efficiency. The "Reporting Limit" found on the report is equivalent to the practical quantitaion limit (PQL). This is the minimum concentration that can be reported by the method referenced and the sample matrix. The reporting limit must not be confused with any regulatory limit. Analytical results are reported to three significant figures for quality control and calculation purposes.

Thank You,

Approved by: _____
Laboratory Director or designee

INORGANIC ANALYTICAL REPORT

Client: Sunnyside Cogeneration **Contact:** Rusty Netz
Project: DOGM Spoils #1
Lab Sample ID: 1101259-001
Client Sample ID: Spoils Pile #1 / Composite Sample
Collection Date: 11/10/2010 1300h
Received Date: 1/19/2011 1120h

AMERICAN WEST ANALYTICAL LABORATORIES

463 West 3600 South
Salt Lake City, Utah
84115

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Toll Free (888) 263-8686
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mail: awal@awal-labs.com

Analytical Results	Units	Date Prepared	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Conductivity	µmhos/cm		1/20/2011	SW9050A	10.0	**517**	H&
Nitrate (as N)	mg/kg-dry		1/19/2011 1435h	E353.2	0.103	<0.103	H*
pH @ 25° C	pH Units		1/19/2011 1930h	SW9045D	1.00	**8.60**	H
Sodium Adsorption Ratio			1/19/2011	Calc.	0.0100	**1.00**	
Total Nitrogen (as N)	mg/kg-dry		1/31/2011	Calc.	0.500	**421**	H

H - Sample was received outside of the holding time.
& - Analysis is performed on a 1:1 DI water extract for soils.
** - The reporting limits were raised due to sample matrix interferences.*

Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer

American West Analytical Laboratories

Chain of Custody

Lab Sample Set # 1101...

Client: Sunnyside Cogen
Address: #1 Power Plant road
Sunnyside Utah, 84539
Project Name: DOGM Spoils #1
PO#:

Contact: Rusty Netz
Phone: 435-888-4476
Fax :
Email:

QC Level:
Turn Around Time

	Sample ID:	Date Sampled	Time	# of Containers	Sample Matrix	pH, SAR, Conductivity	Total Nitrogen	Metals: B, Ca, Mg, Na, Se	Nitrate		ABA, ANP, AGP Calculations	TOC	Partical Size	Total Sulfur	Neutralization Potential					Comments
1	**Spoils pile #1**	11/10/2010	13:00	1		x	x	x	x		x	x	x	x	x					See Attachment
2	**composite sample**																			also
3																				
4																				
5																				
6																				
7																				
8																				
9																				
10																				
11																				
12																				
13																				
14																				
15																				

Special Instructions:

Relinquished by: Signature [signature]	Date: 1/17/2011	Received by: Signature	Date:
Print Name Rauty Netz	Time: 1600	Print Name	Time:
Relinquished by: Signature	Date:	Received by: Signature [signature]	Date: 1/19/11
Print Name	Time:	Print Name Elma Hayward	Time: 1120

ACZ Laboratories, Inc.
2773 Downhill Drive Steamboat Springs, CO 80487 (800) 334-5493

Analytical Report

February 09, 2011

Report to:
Elona Hayward
American West Analytical Labs
463 West 3600 South
Salt Lake City, UT 84115

cc: Samantha

Bill to:
Lynn Turner
American West Analytical Labs
463 West 3600 South
Salt Lake City, UT 84115

Project ID: 1101259
ACZ Project ID: L86280

Elona Hayward:

Enclosed are the analytical results for sample(s) submitted to ACZ Laboratories, Inc. (ACZ) on January 20, 2011. This project has been assigned to ACZ's project number, L86280. Please reference this number in all future inquiries.

All analyses were performed according to ACZ's Quality Assurance Plan. The enclosed results relate only to the samples received under L86280. Each section of this report has been reviewed and approved by the appropriate Laboratory Supervisor, or a qualified substitute.

Except as noted, the test results for the methods and parameters listed on ACZ's current NELAC certificate letter (#ACZ) meet all requirements of NELAC.

This report shall be used or copied only in its entirety. ACZ is not responsible for the consequences arising from the use of a partial report.

All samples and sub-samples associated with this project will be disposed of after March 09, 2011. If the samples are determined to be hazardous, additional charges apply for disposal (typically less than $10/sample). If you would like the samples to be held longer than ACZ's stated policy or to be returned, please contact your Project Manager or Customer Service Representative for further details and associated costs. ACZ retains analytical reports for five years.

If you have any questions or other needs, please contact your Project Manager.

Tony Antalek has reviewed and approved this report.

American West Analytical Labs
Project ID: 1101259
Sample ID: SPOILS PILE #1/COMPO

ACZ Sample ID: ***L86280-01***
Date Sampled: *11/10/10 13:00*
Date Received: *01/20/11*
Sample Matrix: *Soil*

Soil Analysis

Parameter	EPA Method	Result	Qual	XQ	Units	MDL	PQL	Date	Analyst
Acid Generation Potential (calc)	M600/2-78-054 1.3	10.6		*	t CaCO3/Kt	0.1	0.5	02/07/11 10:00	brd
Acid Neutralization Potential (calc)	M600/2-78-054 1.3	114		*	t CaCO3/Kt	0.1	0.5	02/07/11 10:00	brd
Acid-Base Potential (calc)	M600/2-78-054 1.3	103.4		*	t CaCO3/Kt	0.1	0.5	02/07/11 10:00	brd
Carbon, total organic (TOC)	ASA No.9 29-2.2.4 Combustion/IR	13.9		*	%	0.1	0.5	02/01/11 14:45	bsu
Neutralization Potential as CaCO3	M600/2-78-054 3.2.3 - Modified (No Heat)	11.4		*	%	0.1	0.5	02/05/11 3:00	bsu
Sulfur Forms	M600/2-78-054 3.2.4-MOD								
Sulfur HCl Residue		0.30		*	%	0.01	0.1	02/04/11 0:00	bsu
Sulfur HNO3 Residue		0.15		*	%	0.01	0.1	02/04/11 0:00	bsu
Sulfur Organic Residual Mod		0.15		*	%	0.01	0.1	02/04/11 0:00	bsu
Sulfur Pyritic Sulfide		0.15		*	%	0.01	0.1	02/04/11 0:00	bsu
Sulfur Sulfate		0.04	B	*	%	0.01	0.1	02/04/11 0:00	bsu
Sulfur Total		0.34		*	%	0.01	0.1	02/04/11 0:00	bsu
Total Sulfur minus Sulfate		0.30		*	%	0.01	0.1	02/04/11 0:00	bsu

Soil Preparation

Parameter	EPA Method	Result	Qual	XQ	Units	MDL	PQL	Date	Analyst
Air Dry at 34 Degrees C	USDA No. 1, 1972							01/26/11 11:00	nrc
Crush and Pulverize	USDA No. 1, 1972							02/01/11 10:00	nrc
Sieve-250 um (60 mesh)	ASA No.9, 15-4.2.2							02/01/11 9:30	njrc

American West Analytical Labs
Project ID: 1101259

ACZ Project ID: ***L86280***

Carbon, total organic (TOC) ASA No.9 29-2.2.4 Combustion/IR

ACZ ID	Type	Analyzed	PCN/SCN	QC	Sample	Found	Units	Rec	Lower	Upper	RPD	Limit	Qual
WG296770													
WG296770PBS	PBS	02/01/11 13:30				U	%		-0.3	0.3			
L86280-01DUP	DUP	02/01/11 16:00			13.9	13.8	%				0.7	20	

Neutralization Potential as CaCO3 M600/2-78-054 3.2.3 - Modified (No Heat)

ACZ ID	Type	Analyzed	PCN/SCN	QC	Sample	Found	Units	Rec	Lower	Upper	RPD	Limit	Qual
WG296882													
WG296882PBS	PBS	02/04/11 10:30				U	%		-0.1	0.1			
WG296882LCSS	LCSS	02/04/11 18:45	PCN33453	100		98.63	%	98.6	80	120			
L86280-01DUP	DUP	02/05/11 11:15			11.4	11.55	%				1.3	20	

Sulfur Organic Residual Mod M600/2-78-054 3.2.4-MOD

ACZ ID	Type	Analyzed	PCN/SCN	QC	Sample	Found	Units	Rec	Lower	Upper	RPD	Limit	Qual
WG296756													
L86280-01DUP	DUP	02/04/11 9:00			.15	.16	%				6.5	20	

Sulfur Pyritic Sulfide M600/2-78-054 3.2.4-MOD

ACZ ID	Type	Analyzed	PCN/SCN	QC	Sample	Found	Units	Rec	Lower	Upper	RPD	Limit	Qual
WG296756													
L86280-01DUP	DUP	02/04/11 9:00			.15	.16	%				6.5	20	

Sulfur Sulfate M600/2-78-054 3.2.4-MOD

ACZ ID	Type	Analyzed	PCN/SCN	QC	Sample	Found	Units	Rec	Lower	Upper	RPD	Limit	Qual
WG296756													
L86280-01DUP	DUP	02/04/11 9:00			.04	.04	%				0	20	RA

Sulfur Total M600/2-78-054 3.2.4-MOD

ACZ ID	Type	Analyzed	PCN/SCN	QC	Sample	Found	Units	Rec	Lower	Upper	RPD	Limit	Qual
WG296756													
WG296756PBS	PBS	02/04/11 8:00				U	%		-0.03	0.03			
WG296756LCSS	LCSS	02/04/11 8:20	PCN35460	4.24		4.35	%	102.6	3.392	5.088			
L86280-01DUP	DUP	02/04/11 9:00			.34	.36	%				5.7	20	

Total Sulfur Minus Sulfate M600/2-78-054 3.2.4-MOD

ACZ ID	Type	Analyzed	PCN/SCN	QC	Sample	Found	Units	Rec	Lower	Upper	RPD	Limit	Qual
WG296756													
L86280-01DUP	DUP	02/04/11 9:00			.3	.32	%				6.5	20	

Soil Analysis

The following parameters are not offered for certification or are not covered by NELAC certificate #ACZ.

Acid Generation Potential (calc)	M600/2-78-054 1.3
Acid Neutralization Potential (calc)	M600/2-78-054 1.3
Acid-Base Potential (calc)	M600/2-78-054 1.3
Carbon, total organic (TOC)	ASA No.9 29-2.2.4 Combustion/IR
Neutralization Potential as CaCO3	M600/2-78-054 3.2.3 - Modified (No Heat)
Sulfur HCl Residue	M600/2-78-054 3.2.4-MOD
Sulfur HNO3 Residue	M600/2-78-054 3.2.4-MOD
Sulfur Organic Residual Mod	M600/2-78-054 3.2.4-MOD
Sulfur Pyritic Sulfide	M600/2-78-054 3.2.4-MOD
Sulfur Sulfate	M600/2-78-054 3.2.4-MOD
Sulfur Total	M600/2-78-054 3.2.4-MOD
Total Sulfur minus Sulfate	M600/2-78-054 3.2.4-MOD

ACZ Laboratories, Inc.
2773 Downhill Drive Steamboat Springs, CO 80487 (800) 334-5493

Sample Receipt

American West Analytical Labs
1101259

ACZ Project ID: L86280
Date Received: 01/20/2011 10:39
Received By: gac
Date Printed: 1/21/2011

Sample Container Preservation

SAMPLE	CLIENT ID	R < 2	G < 2	BK < 2	Y< 2	YG< 2	B< 2	O < 2	T >12	N/A	RAD	ID
L86280-01	SPOILS PILE #1/COMPO									X		

Sample Container Preservation Legend

Abbreviation	Description	Container Type	Preservative/Limits
R	Raw/Nitric	RED	pH must be < 2
B	Filtered/Sulfuric	BLUE	pH must be < 2
BK	Filtered/Nitric	BLACK	pH must be < 2
G	Filtered/Nitric	GREEN	pH must be < 2
O	Raw/Sulfuric	ORANGE	pH must be < 2
P	Raw/NaOH	PURPLE	pH must be > 12 *
T	Raw/NaOH Zinc Acetate	TAN	pH must be > 12
Y	Raw/Sulfuric	YELLOW	pH must be < 2
YG	Raw/Sulfuric	YELLOW GLASS	pH must be < 2
N/A	No preservative needed	Not applicable	
RAD	Gamma/Beta dose rate	Not applicable	must be < 250 µR/hr

* pH check performed by analyst prior to sample preparation

Sample IDs Reviewed By: gac

INSPECTION AND CERTIFIED REPORT ON EXCESS SPOIL PILE OR REFUSE PILE

GENERAL INFORMATION **Excess Spoil Disposal Area #2**

Report Date April 20, 2011
Permit Number C/007/035
Mine Name Sunnyside Refuse and Slurry
Company Name Sunnyside Cogeneration Associates

EXCESS SPOIL PILE OR REFUSE PILE IDENTIFICATION

Pile Name Excess Spoil Disposal Area #2
Pile Number N/A
MSHA ID Number 1211-UT-09-02093-05

Inspection Date March 24, 2011
Inspected by Rusty Netz
Reason for Inspection First Quarter Inspection 2011

Attachment to Report? (such as refuse sample analysis or photos) **NO**

Field Evaluation

1. Foundation preparation, including the removal of all organic material and topsoil.

   Existing disturbed site. No additional topsoil removal is required by the approved plan

2. Placement of underdrains and protective filter systems.

   No under-drains or filters are required by the approved plan

3. Installation of final surface drainage systems

   N/A

4. Placement and compaction of fill materials

   No new material was placed in this disposal area during the quarter.

5. Final grading and revegetation of fill.

   N/A

6. Appearances of instability, structural weakness, and other hazardous conditions

   No aspects of the Fill structure were observed that could affect its stability or functionality

INSPECTION AND CERTIFIED REPORT ON EXCESS SPOIL PILE OR REFUSE PILE

Excess Spoil Disposal Area #2

7. Other comments. Describe any changes in the geometry of the Excess Spoil/Refuse Pile structure, instrumentation, average and maximum lifts of materials placed in the pile, elevations of active benches, total and remaining storage capacity of the structure, evidence of fires in the pile and abatement of such fires, volumes of materials placed in the structure during the year, and any other aspect of the structure affecting its stability or function which has occurred during the reporting period

Construction of the fill has been proceeding in shallow lifts in general conformance with the approved plan.

QUALIFICATION STATEMENT:

I hereby certify that; I am experienced in the construction of earth and rock fills; I am qualified and authorized under the direction of a Registered Professional Engineer to inspect the condition and appearance of earth and rock fills in accordance with the certified and approved designs for this structure; that the fill structure has been maintained in accordance with approved design and meets or exceeds the minimum design requirements under all applicable federal, state and local regulations; and that inspections are made by myself and include any appearances of instability, structural weakness or other hazardous condition of the structure affecting stability.

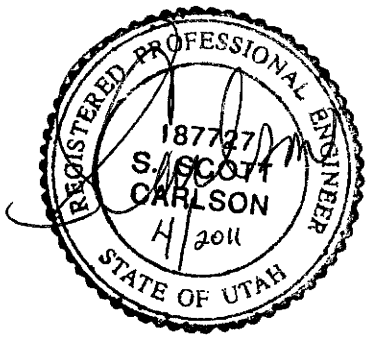
Signature: Rusty Net Date: 4/25/11

CERTIFICATION STATEMENT

I hereby certify that: I am experienced in the construction of earth and rock fills; I am qualified and authorized in the State of Utah to inspect and certify the condition and appearance of earth and rock fills in accordance with the certified and approved designs for this structure; that the fill structure has been maintained in accordance with the approved design and meets or exceeds the minimum design requirements under all applicable federal, state, and local regulations; and, that inspections and inspection reports are made by myself or under my direction and include any appearances of instability, structural weakness or other hazardous conditions of the structure affecting stability.

By: S. Scott Carlson, PE, Twin Peaks, P.C.
P.E. Number & State: 187727 UTAH

Affix Signature, Stamp and Date



APPENDIX A
CERTIFIED REPORTS

SECOND QUARTER INSPECTION

IMPOUNDMENTS, REFUSE PILE AND DISPOSAL AREAS

Sunnyside Cogeneration Associates

P.O. Box 10, East Carbon, Utah 84520 • (435) 888-4476 • Fax (435) 888-2538

July 18, 2011

Daron Haddock
Utah Division of Oil, Gas & Mining
1594 W. North Temple, Suite 1210
Salt Lake City, Utah 84116

RE: 2nd Quarter 2011 Inspection Report
Sunnyside Refuse Pile C/007/035

Dear Daron:

Please find enclosed a copy of the Second Quarter 2011 Inspection Report for Sunnyside Cogeneration Associates' impoundments, refuse pile and excess spoil areas.

Should you have any questions, please contact Rusty Netz or myself at (435)888-4476.

Thank You,

Richard Carter
Agent For
Sunnyside Cogeneration Associates

c.c. Steve Gross
William Rossiter
Paul Shepard
Maggie Estrada
Rusty Netz
Plant File

IMPOUNDMENT INSPECTION AND CERTIFIED REPORT

Railcut Sediment Pond

GENERAL INFORMATION

Report Date	July 13, 2011
Permit Number	C/007/035
Mine Name	Sunnyside Refuse and Slurry
Company Name	Sunnyside Cogeneration Associates

IMPOUNDMENT IDENTIFICATION

Impoundment Name	RailCut Sediment Pond
Impoundment Number	007
UPDES Permit Number	UT024759
MSHA ID Number	N/A

IMPOUNDMENT INSPECTION

Inspection Date	June 16, 2011
Inspected by	Rusty Netz
Reason for Inspection	Second Quarter Inspection 2011

1. Describe any appearance of any instability, structural weakness, or any other hazardous condition.

None

a. Sediment storage capacity, including elevation of 60% and 100% sediment storage volumes, and estimated average elevation of existing sediment.

Total Pond Volume = 4.8 Acre-feet
Pond bottom elevation = 6206.0
100% Sediment Storage Volume = 0.34 acre-feet at Elevation 6209
60% sediment Storage Volume = 0.2 acre feet at Elevation = 6207.7
Existing Sediment Elevation = 6207.2 +/-

b. Principle and emergency spillway elevations.

Primary Dewatering Pipe = 6209.07
Emergency Spillway Elevation = 6212.34

2. Field Information

Provide current water elevation, whether pond is discharging, type and number of samples taken, monitoring/ instrumentation information, inlet/ outlet conditions, or other related activities associated with the pond including but not limited to sediment cleanout, pond decanting, embankment erosion/ repairs, monitoring information, vegetation on outslopes of embankments, etc.

Pond had very little in it. No samples were taken Pond did not require decanting
Sediment levels were good
Embankment conditions were good. Vegetation on outslopes was adequate.
Inlet / Outlet conditions were good. No structural or hazardous conditions were observed.

IMPOUNDMENT INSPECTION AND CERTIFIED REPORT

Rail Cut Sediment Pond

3. Field Evaluation.

Describe any changes in the geometry of the impounding structure, average and maximum depths and elevation of impounded water, estimated sediment or slurry volume and remaining storage capacity, estimated volume of water impounded, and any other aspect of the impounding structure affecting its stability or function which has occurred during the reporting period

No recent changes in the geometry of the structure have been observed
Very little water was impounded
No other aspects of the impounding structure were observed that could affect its stability or functionality.

QUALIFICATION STATEMENT:

I hereby certify that; I am experienced in the construction of impoundments; I am qualified and authorized under the direction of a Registered Professional Engineer to inspect the condition and appearance of impoundments in accordance with the certified and approved designs for this structure; that the impoundment has been maintained in accordance with approved designs and meets or exceeds the minimum design requirements under all applicable federal, state and local regulations; and that inspections are made by myself and include any appearances of instability, structural weakness or other hazardous condition of the structure affecting stability.

Signature: Rusty not Date: 7/18/11

CERTIFIED REPORT
IMPOUNDMENT EVALUATION

If you answer NO to these questions, please explain under comments

1. Is impoundment designed and constructed in accordance with the approved plan? YES
2. Is impoundment free of instability, structural weakness, or any other hazardous conditions? YES
3. Has the impoundment met all applicable performance standards and effluent limitations from the previous date of inspection? YES

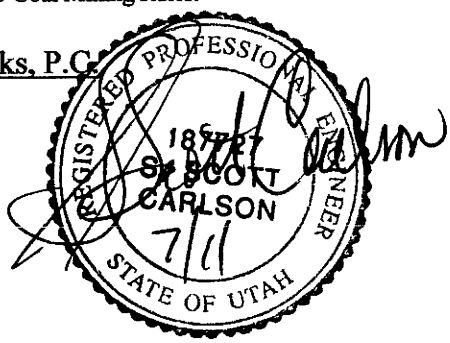
COMMENTS/ OTHER INFORMATION

None

CERTIFICATION STATEMENT:

I hereby certify that: I am experienced in the construction of impoundments; I am qualified and authorized in the State of Utah to inspect and certify the condition and appearance of impoundments in accordance with the certified and approved designs for this structure; that the impoundment has been maintained in accordance with approved designs and meets or exceeds the minimum design requirements under all applicable federal, state and local regulations; and that inspections and inspection reports are made by myself or under my direction and include any appearances of instability, structural weakness or other hazardous conditions of the structure affecting stability in accordance with the Utah R645 Coal Mining Rules.

By: S. Scott Carlson, PE, Twin Peaks, P.C.
P.E. Number & State: 187727 UTAH



Affix Signature, Stamp and Date

IMPOUNDMENT INSPECTION AND CERTIFIED REPORT

Old Coarse Refuse Road Sediment Pond

GENERAL INFORMATION

Report Date	July 13, 2011
Permit Number	C/007/035
Mine Name	Sunnyside Refuse and Slurry
Company Name	Sunnyside Cogeneration Associates

IMPOUNDMENT IDENTIFICATION

Impoundment Name	Old Coarse Refuse Road Sediment Pond
Impoundment Number	008
UPDES Permit Number	UT024759
MSHA ID Number	N/A

IMPOUNDMENT INSPECTION

Inspection Date	June 16, 2011
Inspected by	Rusty Netz
Reason for Inspection	Second Quarter Inspection 2011

1. Describe any appearance of any instability, structural weakness, or any other hazardous condition.

None

a. Sediment storage capacity, including elevation of 60% and 100% sediment storage volumes, and estimated average elevation of existing sediment.

Total Pond Volume = 0.9 Acre-feet
Pond bottom elevation = 6394.0
100% Sediment Storage Volume = 0.08 acre-feet at Elevation 6395.1
60% sediment Storage Volume = 0.05 acre feet at Elevation = 6394.75
Existing Sediment Elevation = 6394.4 +/-

b. Principle and emergency spillway elevations.

Primary Dewatering Pipe = 6395.75
Emergency Spillway Elevation = 6399.4

2. Field Information

Provide current water elevation, whether pond is discharging, type and number of samples taken, monitoring/ instrumentation information, inlet/ outlet conditions, or other related activities associated with the pond including but not limited to sediment cleanout, pond decanting, embankment erosion/ repairs, monitoring information, vegetation on outslopes of embankments, etc.

Pond had some water in it. No samples were taken Pond did not require decanting.
Sediment level was good.
Embankment conditions were good. Vegetation on outslopes was adequate.
Inlet / Outlet conditions were good. No structural or hazardous conditions were observed.

IMPOUNDMENT INSPECTION AND CERTIFIED REPORT

Old Coarse Refuse Road Sediment Pond

3. Field Evaluation.

Describe any changes in the geometry of the impounding structure, average and maximum depths and elevation of impounded water, estimated sediment or slurry volume and remaining storage capacity, estimated volume of water impounded, and any other aspect of the impounding structure affecting its stability or function which has occurred during the reporting period

No recent changes in the geometry of the structure have been observed
Some water was impounded
Sediment level was good.
No other aspects of the impounding structure were observed that could affect its stability or functionality.

QUALIFICATION STATEMENT:

I hereby certify that; I am experienced in the construction of impoundments; I am qualified and authorized under the direction of a Registered Professional Engineer to inspect the condition and appearance of impoundments in accordance with the certified and approved designs for this structure; that the impoundment has been maintained in accordance with approved designs and meets or exceeds the minimum design requirements under all applicable federal, state and local regulations; and that inspections are made by myself and include any appearances of instability, structural weakness or other hazardous condition of the structure affecting stability.

Signature: Rusty Netz Date: 7/18/11

CERTIFIED REPORT
IMPOUNDMENT EVALUATION

If you answer NO to these questions, please explain under comments

1. Is impoundment designed and constructed in accordance with the approved plan? YES
2. Is impoundment free of instability, structural weakness, or any other hazardous conditions? YES
3. Has the impoundment met all applicable performance standards and effluent limitations from the previous date of inspection? YES

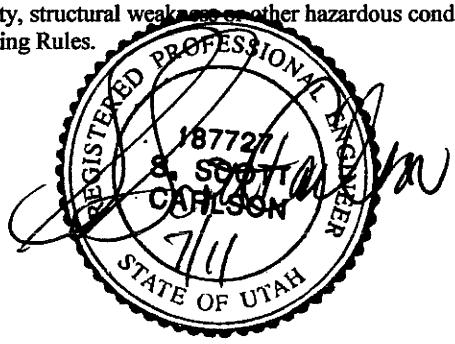
COMMENTS/ OTHER INFORMATION

None

CERTIFICATION STATEMENT:

I hereby certify that: I am experienced in the construction of impoundments; I am qualified and authorized in the State of Utah to inspect and certify the condition and appearance of impoundments in accordance with the certified and approved designs for this structure; that the impoundment has been maintained in accordance with approved designs and meets or exceeds the minimum design requirements under all applicable federal, state and local regulations; and that inspections and inspection reports are made by myself or under my direction and include any appearances of instability, structural weakness or other hazardous conditions of the structure affecting stability in accordance with the Utah R645 Coal Mining Rules.

By: S. Scott Carlson, PE, Twin Peaks, P.C.
P.E. Number & State: 187727 UTAH



Affix Signature, Stamp and Date

IMPOUNDMENT INSPECTION AND CERTIFIED REPORT

Pasture Sediment Pond

GENERAL INFORMATION

Report Date	July 13, 2011
Permit Number	C/007/035
Mine Name	Sunnyside Refuse and Slurry
Company Name	Sunnyside Cogeneration Associates

IMPOUNDMENT IDENTIFICATION

Impoundment Name	Pasture Sediment Pond
Impoundment Number	009
UPDES Permit Number	UT024759
MSHA ID Number	N/A

IMPOUNDMENT INSPECTION

Inspection Date	June 16, 2011
Inspected by	Rusty Netz
Reason for Inspection	Second Quarter Inspection 2011

1. Describe any appearance of any instability, structural weakness, or any other hazardous condition.

None

a. Sediment storage capacity, including elevation of 60% and 100% sediment storage volumes, and estimated average elevation of existing sediment.

Total Pond Volume = 3.2 Acre-feet
Pond bottom elevation = 6484.5
100% Sediment Storage Volume = 0.42 acre-feet at Elevation 6486.2
60% sediment Storage Volume = 0.25 acre feet at Elevation = 6485.5
Existing Sediment Elevation = 6485.1 +/-

b. Principle and emergency spillway elevations.

Primary Dewatering Pipe = 6486.6
Emergency Spillway Elevation = 6490.6

2. Field Information

Provide current water elevation, whether pond is discharging, type and number of samples taken, monitoring/ instrumentation information, inlet/ outlet conditions, or other related activities associated with the pond including but not limited to sediment cleanout, pond decanting, embankment erosion/ repairs, monitoring information, vegetation on outslopes of embankments, etc.

Pond had some water in it. No samples were taken . Pond did not require decanting.
Sediment level was good
Embankment conditions were good. Vegetation on outslopes was adequate.
Inlet / Outlet conditions were good. No structural or hazardous conditions were observed.

Pasture Sediment Pond

3. Field Evaluation.

Describe any changes in the geometry of the impounding structure, average and maximum depths and elevation of impounded water, estimated sediment or slurry volume and remaining storage capacity, estimated volume of water impounded, and any other aspect of the impounding structure affecting its stability or function which has occurred during the reporting period

No recent changes in the geometry of the structure were observed.
Some water was impounded
Sediment level was good.
No other aspects of the impounding structure were observed that could affect its stability or functionality.

QUALIFICATION STATEMENT:

I hereby certify that; I am experienced in the construction of impoundments; I am qualified and authorized under the direction of a Registered Professional Engineer to inspect the condition and appearance of impoundments in accordance with the certified and approved designs for this structure; that the impoundment has been maintained in accordance with approved designs and meets or exceeds the minimum design requirements under all applicable federal, state and local regulations; and that inspections are made by myself and include any appearances of instability, structural weakness or other hazardous condition of the structure affecting stability.

Signature: Rusty Netz Date: 7/18/11

CERTIFIED REPORT
IMPOUNDMENT EVALUATION

If you answer NO to these questions, please explain under comments

1. Is impoundment designed and constructed in accordance with the approved plan? YES
2. Is impoundment free of instability, structural weakness, or any other hazardous conditions? YES
3. Has the impoundment met all applicable performance standards and effluent limitations from the previous date of inspection? YES

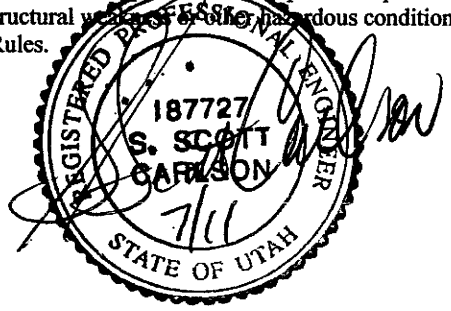
COMMENTS/ OTHER INFORMATION

None

CERTIFICATION STATEMENT:

I hereby certify that: I am experienced in the construction of impoundments; I am qualified and authorized in the State of Utah to inspect and certify the condition and appearance of impoundments in accordance with the certified and approved designs for this structure; that the impoundment has been maintained in accordance with approved designs and meets or exceeds the minimum design requirements under all applicable federal, state and local regulations; and that inspections and inspection reports are made by myself or under my direction and include any appearances of instability, structural weakness or other hazardous conditions of the structure affecting stability in accordance with the Utah R645 Coal Mining Rules.

By: S. Scott Carlson, PE, Twin Peaks, P.C.
P.E. Number & State: 187727 UTAH



Affix Signature, Stamp and Date

IMPOUNDMENT INSPECTION AND CERTIFIED REPORT

Coarse Refuse Toe Sediment Pond

GENERAL INFORMATION

Report Date	July 13, 2011
Permit Number	C/007/035
Mine Name	Sunnyside Refuse and Slurry
Company Name	Sunnyside Cogeneration Associates

IMPOUNDMENT IDENTIFICATION

Impoundment Name	New Coarse Refuse Toe Sediment Pond
Impoundment Number	012
UPDES Permit Number	UT024759
MSHA ID Number	N/A

IMPOUNDMENT INSPECTION

Inspection Date	June 16, 2011
Inspected by	Rusty Netz
Reason for Inspection	Second Quarter Inspection 2011

1. Describe any appearance of any instability, structural weakness, or any other hazardous condition.

None

a. Sediment storage capacity, including elevation of 60% and 100% sediment storage volumes, and estimated average elevation of existing sediment.

Total Pond Volume = 1.6 Acre-feet
Pond bottom elevation = 6176.0
100% Sediment Storage Volume = 0.07 acre-feet at Elevation 6177.8
60% sediment Storage Volume = 0.03 acre feet at Elevation = 6177.0
Existing Sediment Elevation = 6176.6 +/-

b. Principle and emergency spillway elevations.

Primary Dewatering Pipe = 6178.2
Emergency Spillway Elevation = 6183.63

2. Field Information

Provide current water elevation, whether pond is discharging, type and number of samples taken, monitoring/ instrumentation information, inlet/ outlet conditions, or other related activities associated with the pond including but not limited to sediment cleanout, pond decanting, embankment erosion/ repairs, monitoring information, vegetation on outslopes of embankments, etc.

Pond had some water in it. No samples were taken Pond did not require decanting
Sediment level was good
Embankment conditions were good. Vegetation on outslopes was adequate.
Inlet / Outlet conditions were good. No structural or hazardous conditions were observed.

IMPOUNDMENT INSPECTION AND CERTIFIED REPORT

Coarse Refuse Toe Sediment Pond

3. Field Evaluation.

Describe any changes in the geometry of the impounding structure, average and maximum depths and elevation of impounded water, estimated sediment or slurry volume and remaining storage capacity, estimated volume of water impounded, and any other aspect of the impounding structure affecting its stability or function which has occurred during the reporting period

No recent changes in the geometry of the structure have been observed
Some water was impounded
Sediment level was good.
No other aspects of the impounding structure were observed that could affect its stability or functionality.

QUALIFICATION STATEMENT:

I hereby certify that; I am experienced in the construction of impoundments; I am qualified and authorized under the direction of a Registered Professional Engineer to inspect the condition and appearance of impoundments in accordance with the certified and approved designs for this structure; that the impoundment has been maintained in accordance with approved designs and meets or exceeds the minimum design requirements under all applicable federal, state and local regulations; and that inspections are made by myself and include any appearances of instability, structural weakness or other hazardous condition of the structure affecting stability.

Signature: Rusty Ncty Date: 7/18/11

CERTIFIED REPORT
IMPOUNDMENT EVALUATION

If you answer NO to these questions, please explain under comments

1. Is impoundment designed and constructed in accordance with the approved plan? YES
2. Is impoundment free of instability, structural weakness, or any other hazardous conditions? YES
3. Has the impoundment met all applicable performance standards and effluent limitations from the previous date of inspection? YES

COMMENTS/ OTHER INFORMATION

None

CERTIFICATION STATEMENT:

I hereby certify that: I am experienced in the construction of impoundments; I am qualified and authorized in the State of Utah to inspect and certify the condition and appearance of impoundments in accordance with the certified and approved designs for this structure; that the impoundment has been maintained in accordance with approved designs and meets or exceeds the minimum design requirements under all applicable federal, state and local regulations; and that inspections and inspection reports are made by myself or under my direction and include any appearances of instability, structural weakness or other hazardous conditions of the structure affecting stability in accordance with the Utah R645 Coal Mining Rules.

By: S. Scott Carlson, PE, Twin Peaks, P.C.
P.E. Number & State: 187727 UTAH

REGISTERED PROFESSIONAL ENGINEER 187727 S. SCOTT CARLSON 7/11 STATE OF UTAH

Affix Signature, Stamp and Date

IMPOUNDMENT INSPECTION AND CERTIFIED REPORT

GENERAL INFORMATION **Coal Pile Sediment Pond**

Report Date	July 13, 2011
Permit Number	C/007/035
Mine Name	Sunnyside Refuse and Slurry
Company Name	Sunnyside Cogeneration Associates

IMPOUNDMENT IDENTIFICATION

Impoundment Name	Coal Pile Sediment Pond
Impoundment Number	014
UPDES Permit Number	UT024759
MSHA ID Number	N/A

IMPOUNDMENT INSPECTION

Inspection Date	June 16, 2011
Inspected by	Rusty Netz
Reason for Inspection	Second Quarter Inspection 2011

1. Describe any appearance of any instability, structural weakness, or any other hazardous condition.

None

a. Sediment storage capacity, including elevation of 60% and 100% sediment storage volumes, and estimated average elevation of existing sediment.

Total Pond Volume = 1.5 Acre-feet
Pond bottom elevation = 6473.0
100% Sediment Storage Volume = 0.5 acre-feet at Elevation 6476.0
60% sediment Storage Volume = 0.3 acre feet at Elevation = 6474.7
Existing Sediment Elevation = 6474 +/-

b. Principle and emergency spillway elevations.

Primary Dewatering Pipe = 6476.0
Secondary Dewatering Orifice = 6477.2
Primary Spillway Elevation = 6477.9
Emergency Spillway Elevation = 6479.0

2. Field Information

Provide current water elevation, whether pond is discharging, type and number of samples taken, monitoring/ instrumentation information, inlet/ outlet conditions, or other related activities associated with the pond including but not limited to sediment cleanout, pond decanting, embankment erosion/ repairs, monitoring information, vegetation on outslopes of embankments, etc.

Pond had some water in it. No samples were taken Pond did not require decanting.
Sediment level was good.
Embankment conditions were good. Vegetation on outslopes was adequate.
Inlet / Outlet conditions were good. No structural or hazardous conditions were observed.

IMPOUNDMENT INSPECTION AND CERTIFIED REPORT

Coal Pile Sediment Pond

3. Field Evaluation.

Describe any changes in the geometry of the impounding structure, average and maximum depths and elevation of impounded water, estimated sediment or slurry volume and remaining storage capacity, estimated volume of water impounded, and any other aspect of the impounding structure affecting its stability or function which has occurred during the reporting period

No recent changes in the geometry of the structure have been observed
Some water was impounded
Sediment level was good.
No other aspects of the impounding structure were observed that could affect its stability or functionality.

QUALIFICATION STATEMENT:

I hereby certify that; I am experienced in the construction of impoundments; I am qualified and authorized under the direction of a Registered Professional Engineer to inspect the condition and appearance of impoundments in accordance with the certified and approved designs for this structure; that the impoundment has been maintained in accordance with approved designs and meets or exceeds the minimum design requirements under all applicable federal, state and local regulations; and that inspections are made by myself and include any appearances of instability, structural weakness or other hazardous condition of the structure affecting stability.

Signature: Rusty Ney Date: 7/18/11

CERTIFIED REPORT
IMPOUNDMENT EVALUATION

If you answer NO to these questions, please explain under comments

1. Is impoundment designed and constructed in accordance with the approved plan? YES
2. Is impoundment free of instability, structural weakness, or any other hazardous conditions? YES
3. Has the impoundment met all applicable performance standards and effluent limitations from the previous date of inspection? YES

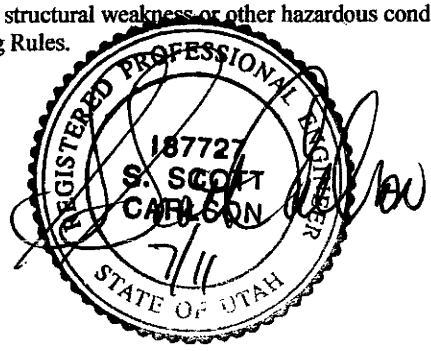
COMMENTS/ OTHER INFORMATION

None

CERTIFICATION STATEMENT:

I hereby certify that: I am experienced in the construction of impoundments; I am qualified and authorized in the State of Utah to inspect and certify the condition and appearance of impoundments in accordance with the certified and approved designs for this structure; that the impoundment has been maintained in accordance with approved designs and meets or exceeds the minimum design requirements under all applicable federal, state and local regulations; and that inspections and inspection reports are made by myself or under my direction and include any appearances of instability, structural weakness or other hazardous conditions of the structure affecting stability in accordance with the Utah R645 Coal Mining Rules.

By: S. Scott Carlson, PE, Twin Peaks, P.C.
P.E. Number & State: 187727 UTAH



Affix Signature, Stamp and Date

IMPOUNDMENT INSPECTION AND CERTIFIED REPORT

Borrow Area Sediment Pond

GENERAL INFORMATION

Report Date	July 13, 2011
Permit Number	C/007/035
Mine Name	Sunnyside Refuse and Slurry
Company Name	Sunnyside Cogeneration Associates

IMPOUNDMENT IDENTIFICATION

Impoundment Name	Borrow Area Sediment Pond
Impoundment Number	016
UPDES Permit Number	UT024759
MSHA ID Number	N/A

IMPOUNDMENT INSPECTION

Inspection Date	June 16, 2011
Inspected by	Rusty Netz
Reason for Inspection	Second Quarter Inspection 2011

1. Describe any appearance of any instability, structural weakness, or any other hazardous condition.

None

a. Sediment storage capacity, including elevation of 60% and 100% sediment storage volumes, and estimated average elevation of existing sediment.

Total Pond Volume = 8.3 Acre-feet
Pond bottom elevation = 6510.0
100% Sediment Storage Volume = 2.3 acre-feet at Elevation 6514.3
60% sediment Storage Volume = 1.4 acre feet at Elevation = 6513.3
Existing Sediment Elevation = 6511 +/-

b. Principle and emergency spillway elevations.

Primary Dewatering Pipe = 6514.3
Emergency Spillway Elevation = 6517.03

2. Field Information

Provide current water elevation, whether pond is discharging, type and number of samples taken, monitoring/ instrumentation information, inlet/ outlet conditions, or other related activities associated with the pond including but not limited to sediment cleanout, pond decanting, embankment erosion/ repairs, monitoring information, vegetation on outslopes of embankments, etc.

Pond had no water in it. No samples were taken
Sediment level was good. Pond did not require decanting.
Embankment conditions were good. Vegetation on outslopes was adequate.
Inlet / Outlet conditions were good. No structural or hazardous conditions were observed.

IMPOUNDMENT INSPECTION AND CERTIFIED REPORT

Borrow Area Sediment Pond

3. Field Evaluation.

Describe any changes in the geometry of the impounding structure, average and maximum depths and elevation of impounded water, estimated sediment or slurry volume and remaining storage capacity, estimated volume of water impounded, and any other aspect of the impounding structure affecting its stability or function which has occurred during the reporting period

No recent changes in the geometry of the structure have been observed
No water was impounded
Sediment level was good.
No other aspects of the impounding structure were observed that could affect its stability or functionality.

QUALIFICATION STATEMENT:

I hereby certify that; I am experienced in the construction of impoundments; I am qualified and authorized under the direction of a Registered Professional Engineer to inspect the condition and appearance of impoundments in accordance with the certified and approved designs for this structure; that the impoundment has been maintained in accordance with approved designs and meets or exceeds the minimum design requirements under all applicable federal, state and local regulations; and that inspections are made by myself and include any appearances of instability, structural weakness or other hazardous condition of the structure affecting stability.

Signature: Rusty Roty Date: 7/18/11

CERTIFIED REPORT
IMPOUNDMENT EVALUATION

If you answer NO to these questions, please explain under comments

1. Is impoundment designed and constructed in accordance with the approved plan? YES
2. Is impoundment free of instability, structural weakness, or any other hazardous conditions? YES
3. Has the impoundment met all applicable performance standards and effluent limitations from the previous date of inspection? YES

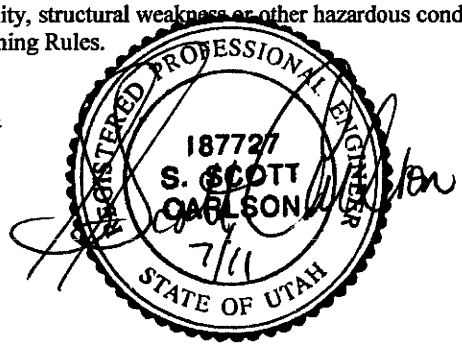
COMMENTS/ OTHER INFORMATION

None

CERTIFICATION STATEMENT:

I hereby certify that: I am experienced in the construction of impoundments; I am qualified and authorized in the State of Utah to inspect and certify the condition and appearance of impoundments in accordance with the certified and approved designs for this structure; that the impoundment has been maintained in accordance with approved designs and meets or exceeds the minimum design requirements under all applicable federal, state and local regulations; and that inspections and inspection reports are made by myself or under my direction and include any appearances of instability, structural weakness or other hazardous conditions of the structure affecting stability in accordance with the Utah R645 Coal Mining Rules.

By: S. Scott Carlson, PE, Twin Peaks, P.C.
P.E. Number & State: 187727 UTAH



Affix Signature, Stamp and Date

INSPECTION AND CERTIFIED REPORT ON EXCESS SPOIL PILE OR REFUSE PILE

GENERAL INFORMATION **Coarse Refuse Pile**

Report Date	July 13, 2011
Permit Number	C/007/035
Mine Name	Sunnyside Refuse and Slurry
Company Name	Sunnyside Cogeneration Associates

EXCESS SPOIL PILE OR REFUSE PILE IDENTIFICATION

Pile Name	Coarse Refuse Pile
Pile Number	N/A
MSHA ID Number	1211-UT-09-02093-01

Inspection Date	June 16, 2011
Inspected by	Rusty Netz
Reason for Inspection	Second Quarter Inspection 2011

Attachment to Report? (such as refuse sample analysis or photos) **YES**

Field Evaluation

1. Foundation preparation, including the removal of all organic material and topsoil.

N/A

2. Placement of underdrains and protective filter systems.

N/A

3. Installation of final surface drainage systems

N/A

4. Placement and compaction of fill materials

N/A - Activities occurring at this time are associated with removal of refuse material

5. Final grading and revegetation of fill.

N/A

6. Appearances of instability, structural weakness, and other hazardous conditions

No aspects of the Fill structure were observed that could affect its stability or functionality

INSPECTION AND CERTIFIED REPORT ON EXCESS SPOIL PILE OR REFUSE PILE

Coarse Refuse Pile

7. Other comments. Describe any changes in the geometry of the Excess Spoil/Refuse Pile structure, instrumentation, average and maximum lifts of materials placed in the pile, elevations of active benches, total and remaining storage capacity of the structure, evidence of fires in the pile and abatement of such fires, volumes of materials placed in the structure during the year, and any other aspect of the structure affecting its stability or function which has occurred during the reporting period

Refuse material is actively being excavated and removed from various locations across the top of the pile

QUALIFICATION STATEMENT:

I hereby certify that; I am experienced in the construction of earth and rock fills; I am qualified and authorized under the direction of a Registered Professional Engineer to inspect the condition and appearance of earth and rock fills in accordance with the certified and approved designs for this structure; that the fill structure has been maintained in accordance with approved design and meets or exceeds the minimum design requirements under all applicable federal, state and local regulations; and that inspections are made by myself and include any appearances of instability, structural weakness or other hazardous condition of the structure affecting stability.

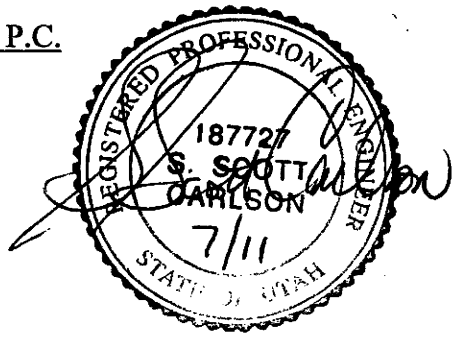
Signature: Rusty Net Date: 7/18/11

CERTIFICATION STATEMENT

I hereby certify that: I am experienced in the construction of earth and rock fills; I am qualified and authorized in the State of Utah to inspect and certify the condition and appearance of earth and rock fills in accordance with the certified and approved designs for this structure; that the fill structure has been maintained in accordance with the approved design and meets or exceeds the minimum design requirements under all applicable federal, state, and local regulations; and, that inspections and inspection reports are made by myself or under my direction and include any appearances of instability, structural weakness or other hazardous conditions of the structure affecting stability.

By: S. Scott Carlson, PE, Twin Peaks, P.C.
P.E. Number & State: 187727 UTAH

Affix Signature, Stamp and Date



INSPECTION AND CERTIFIED REPORT ON EXCESS SPOIL PILE OR REFUSE PILE

GENERAL INFORMATION **Excess Spoil Disposal Area #1**

Report Date July 13, 2011
Permit Number C/007/035
Mine Name Sunnyside Refuse and Slurry
Company Name Sunnyside Cogeneration Associates

EXCESS SPOIL PILE OR REFUSE PILE IDENTIFICATION

Pile Name Excess Spoil Disposal Area #1
Pile Number N/A
MSHA ID Number 1211-UT-09-02093-04

Inspection Date June 16, 2011
Inspected by Rusty Netz
Reason for Inspection Second Quarter Inspection 2011

Attachment to Report? (such as refuse sample analysis or photos) **YES**

Field Evaluation

1. Foundation preparation, including the removal of all organic material and topsoil.

N/A

2. Placement of underdrains and protective filter systems.

N/A

3. Installation of final surface drainage systems

N/A

4. Placement and compaction of fill materials

Approximately 25,060 tons of material were placed during the quarter.

5. Final grading and revegetation of fill.

N/A

6. Appearances of instability, structural weakness, and other hazardous conditions

No aspects of the Fill structure were observed that could affect its stability or functionality

INSPECTION AND CERTIFIED REPORT ON EXCESS SPOIL PILE OR REFUSE PILE

Excess Spoil Disposal Area #1

7. Other comments. Describe any changes in the geometry of the Excess Spoil/Refuse Pile structure, instrumentation, average and maximum lifts of materials placed in the pile, elevations of active benches, total and remaining storage capacity of the structure, evidence of fires in the pile and abatement of such fires, volumes of materials placed in the structure during the year, and any other aspect of the structure affecting its stability or function which has occurred during the reporting period

Construction of the fill has been proceeding in shallow lifts in general conformance with the approved plan.

A photo is attached

QUALIFICATION STATEMENT:

I hereby certify that; I am experienced in the construction of earth and rock fills; I am qualified and authorized under the direction of a Registered Professional Engineer to inspect the condition and appearance of earth and rock fills in accordance with the certified and approved designs for this structure; that the fill structure has been maintained in accordance with approved design and meets or exceeds the minimum design requirements under all applicable federal, state and local regulations; and that inspections are made by myself and include any appearances of instability, structural weakness or other hazardous condition of the structure affecting stability.

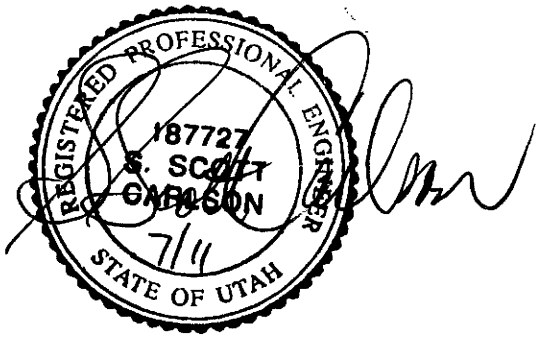
Signature: Rusty Net Date: 7/18/11

CERTIFICATION STATEMENT

I hereby certify that: I am experienced in the construction of earth and rock fills; I am qualified and authorized in the State of Utah to inspect and certify the condition and appearance of earth and rock fills in accordance with the certified and approved designs for this structure; that the fill structure has been maintained in accordance with the approved design and meets or exceeds the minimum design requirements under all applicable federal, state, and local regulations; and, that inspections and inspection reports are made by myself or under my direction and include any appearances of instability, structural weakness or other hazardous conditions of the structure affecting stability.

By: S. Scott Carlson, PE, Twin Peaks, P.C.
P.E. Number & State: 187727 UTAH

Affix Signature, Stamp and Date



INSPECTION AND CERTIFIED REPORT ON EXCESS SPOIL PILE OR REFUSE PILE

GENERAL INFORMATION **Excess Spoil Disposal Area #2**

Report Date July 13, 2011
Permit Number C/007/035
Mine Name Sunnyside Refuse and Slurry
Company Name Sunnyside Cogeneration Associates

EXCESS SPOIL PILE OR REFUSE PILE IDENTIFICATION

Pile Name Excess Spoil Disposal Area #2
Pile Number N/A
MSHA ID Number 1211-UT-09-02093-05

Inspection Date June 16, 2011
Inspected by Rusty Netz
Reason for Inspection Second Quarter Inspection 2011

Attachment to Report? (such as refuse sample analysis or photos) **NO**

Field Evaluation

1. Foundation preparation, including the removal of all organic material and topsoil.

   Existing disturbed site. No additional topsoil removal is required by the approved plan

2. Placement of underdrains and protective filter systems.

   No under-drains or filters are required by the approved plan

3. Installation of final surface drainage systems

   N/A

4. Placement and compaction of fill materials

   No new material was placed in this disposal area during the quarter.

5. Final grading and revegetation of fill.

   N/A

6. Appearances of instability, structural weakness, and other hazardous conditions

   No aspects of the Fill structure were observed that could affect its stability or functionality

INSPECTION AND CERTIFIED REPORT ON EXCESS SPOIL PILE OR REFUSE PILE

Excess Spoil Disposal Area #2

7. Other comments. Describe any changes in the geometry of the Excess Spoil/Refuse Pile structure, instrumentation, average and maximum lifts of materials placed in the pile, elevations of active benches, total and remaining storage capacity of the structure, evidence of fires in the pile and abatement of such fires, volumes of materials placed in the structure during the year, and any other aspect of the structure affecting its stability or function which has occurred during the reporting period

Construction of the fill has been proceeding in shallow lifts in general conformance with the approved plan.

QUALIFICATION STATEMENT:

I hereby certify that; I am experienced in the construction of earth and rock fills; I am qualified and authorized under the direction of a Registered Professional Engineer to inspect the condition and appearance of earth and rock fills in accordance with the certified and approved designs for this structure; that the fill structure has been maintained in accordance with approved design and meets or exceeds the minimum design requirements under all applicable federal, state and local regulations; and that inspections are made by myself and include any appearances of instability, structural weakness or other hazardous condition of the structure affecting stability.

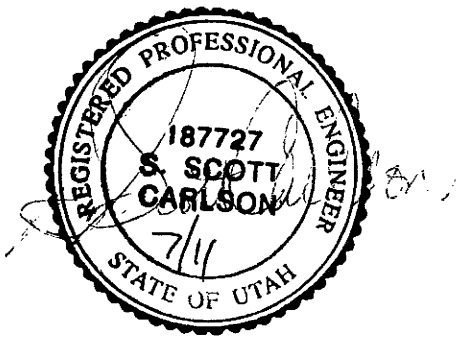
Signature: Rusty Nety Date: 7/18/11

CERTIFICATION STATEMENT

I hereby certify that: I am experienced in the construction of earth and rock fills; I am qualified and authorized in the State of Utah to inspect and certify the condition and appearance of earth and rock fills in accordance with the certified and approved designs for this structure; that the fill structure has been maintained in accordance with the approved design and meets or exceeds the minimum design requirements under all applicable federal, state, and local regulations; and, that inspections and inspection reports are made by myself or under my direction and include any appearances of instability, structural weakness or other hazardous conditions of the structure affecting stability.

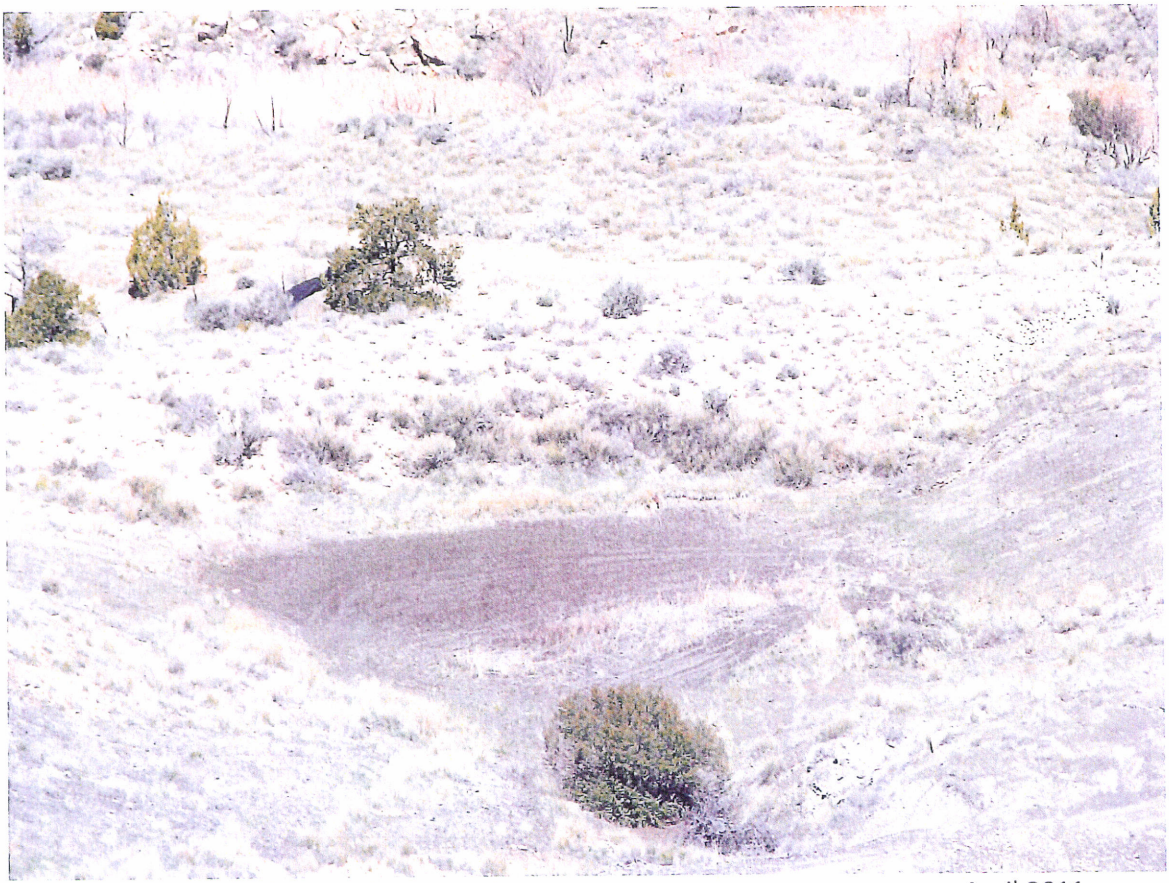
By: S. Scott Carlson, PE, Twin Peaks, P.C.
P.E. Number & State: 187727 UTAH

Affix Signature, Stamp and Date



Rail Cut Sediment Pond

April 2011



Coarse Refuse Toe Sediment Pond

April 2011

Coarse Refuse Pile April 2011

Excess Spoil Disposal Area #1 April 2011

APPENDIX A
CERTIFIED REPORTS

THIRD QUARTER INSPECTION

IMPOUNDMENTS, REFUSE PILE AND DISPOSAL AREAS

Sunnyside Cogeneration Associates

P.O. Box 10, East Carbon, Utah 84520 • (435) 888-4476 • Fax (435) 888-2538

October 13, 2011

Daron Haddock
Utah Division of Oil, Gas & Mining
1594 W. North Temple, Suite 1210
Salt Lake City, Utah 84116

RE: 3rd Quarter 2011 Inspection Report
Sunnyside Refuse Pile C/007/035

Dear Daron:

Please find enclosed a copy of the Third Quarter 2011 Inspection Report for Sunnyside Cogeneration Associates' impoundments, refuse pile and excess spoil areas.

Should you have any questions, please contact Rusty Netz or myself at (435)888-4476.

Thank You,

Richard Carter
Agent For
Sunnyside Cogeneration Associates

c.c. Steve Gross
William Rossiter
Maggie Estrada
Rusty Netz
Plant File

IMPOUNDMENT INSPECTION AND CERTIFIED REPORT

GENERAL INFORMATION **Railcut Sediment Pond**

Report Date	October 7, 2011
Permit Number	C/007/035
Mine Name	Sunnyside Refuse and Slurry
Company Name	Sunnyside Cogeneration Associates

IMPOUNDMENT IDENTIFICATION

Impoundment Name	RailCut Sediment Pond
Impoundment Number	007
UPDES Permit Number	UT024759
MSHA ID Number	N/A

IMPOUNDMENT INSPECTION

Inspection Date	September 22, 2011
Inspected by	Rusty Netz
Reason for Inspection	Third Quarter Inspection 2011

1. Describe any appearance of any instability, structural weakness, or any other hazardous condition.

None

a. Sediment storage capacity, including elevation of 60% and 100% sediment storage volumes, and estimated average elevation of existing sediment.

Total Pond Volume = 4.8 Acre-feet
Pond bottom elevation = 6206.0
100% Sediment Storage Volume = 0.34 acre-feet at Elevation 6209
60% sediment Storage Volume = 0.2 acre feet at Elevation = 6207.7
Existing Sediment Elevation = 6207.2 +/-

b. Principle and emergency spillway elevations.

Primary Dewatering Pipe = 6209.07
Emergency Spillway Elevation = 6212.34

2. Field Information

Provide current water elevation, whether pond is discharging, type and number of samples taken, monitoring/ instrumentation information, inlet/ outlet conditions, or other related activities associated with the pond including but not limited to sediment cleanout, pond decanting, embankment erosion/ repairs, monitoring information, vegetation on outslopes of embankments, etc.

Pond had very little in it. No samples were taken Pond did not require decanting
Sediment levels were good
Embankment conditions were good. Vegetation on outslopes was adequate.
Inlet / Outlet conditions were good. No structural or hazardous conditions were observed.

IMPOUNDMENT INSPECTION AND CERTIFIED REPORT

Rail Cut Sediment Pond

3. Field Evaluation.

Describe any changes in the geometry of the impounding structure, average and maximum depths and elevation of impounded water, estimated sediment or slurry volume and remaining storage capacity, estimated volume of water impounded, and any other aspect of the impounding structure affecting its stability or function which has occurred during the reporting period

No recent changes in the geometry of the structure have been observed
Very little water was impounded
No other aspects of the impounding structure were observed that could affect its stability or functionality.

QUALIFICATION STATEMENT:

I hereby certify that; I am experienced in the construction of impoundments; I am qualified and authorized under the direction of a Registered Professional Engineer to inspect the condition and appearance of impoundments in accordance with the certified and approved designs for this structure; that the impoundment has been maintained in accordance with approved designs and meets or exceeds the minimum design requirements under all applicable federal, state and local regulations; and that inspections are made by myself and include any appearances of instability, structural weakness or other hazardous condition of the structure affecting stability.

Signature: Rusty Netz Date: 10/13/11

CERTIFIED REPORT
IMPOUNDMENT EVALUATION

If you answer NO to these questions, please explain under comments

1. Is impoundment designed and constructed in accordance with the approved plan? YES
2. Is impoundment free of instability, structural weakness, or any other hazardous conditions? YES
3. Has the impoundment met all applicable performance standards and effluent limitations from the previous date of inspection? YES

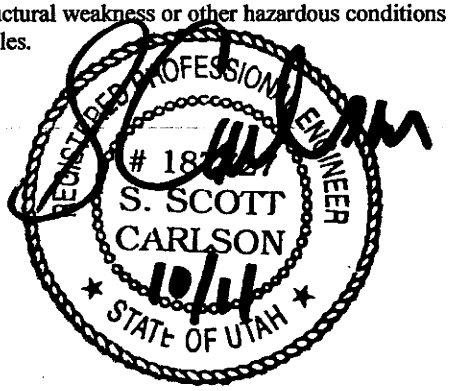
COMMENTS/ OTHER INFORMATION

None

CERTIFICATION STATEMENT:

I hereby certify that: I am experienced in the construction of impoundments; I am qualified and authorized in the State of Utah to inspect and certify the condition and appearance of impoundments in accordance with the certified and approved designs for this structure; that the impoundment has been maintained in accordance with approved designs and meets or exceeds the minimum design requirements under all applicable federal, state and local regulations; and that inspections and inspection reports are made by myself or under my direction and include any appearances of instability, structural weakness or other hazardous conditions of the structure affecting stability in accordance with the Utah R645 Coal Mining Rules.

By: S. Scott Carlson, PE, Twin Peaks, P.C.
P.E. Number & State: 187727 UTAH



Affix Signature, Stamp and Date

IMPOUNDMENT INSPECTION AND CERTIFIED REPORT

Old Coarse Refuse Road Sediment Pond

GENERAL INFORMATION

Report Date	October 7, 2011
Permit Number	C/007/035
Mine Name	Sunnyside Refuse and Slurry
Company Name	Sunnyside Cogeneration Associates

IMPOUNDMENT IDENTIFICATION

Impoundment Name	Old Coarse Refuse Road Sediment Pond
Impoundment Number	008
UPDES Permit Number	UT024759
MSHA ID Number	N/A

IMPOUNDMENT INSPECTION

Inspection Date	September 22, 2011
Inspected by	Rusty Netz
Reason for Inspection	Third Quarter Inspection 2011

1. Describe any appearance of any instability, structural weakness, or any other hazardous condition.

None

a. Sediment storage capacity, including elevation of 60% and 100% sediment storage volumes, and estimated average elevation of existing sediment.

Total Pond Volume = 0.9 Acre-feet
Pond bottom elevation = 6394.0
100% Sediment Storage Volume = 0.08 acre-feet at Elevation 6395.1
60% sediment Storage Volume = 0.05 acre feet at Elevation = 6394.75
Existing Sediment Elevation = 6394.4 +/-

b. Principle and emergency spillway elevations.

Primary Dewatering Pipe = 6395.75
Emergency Spillway Elevation = 6399.4

2. Field Information

Provide current water elevation, whether pond is discharging, type and number of samples taken, monitoring/ instrumentation information, inlet/ outlet conditions, or other related activities associated with the pond including but not limited to sediment cleanout, pond decanting, embankment erosion/ repairs, monitoring information, vegetation on outslopes of embankments, etc.

Pond had some water in it. No samples were taken Pond did not require decanting.
Sediment level was good.
Embankment conditions were good. Vegetation on outslopes was adequate.
Inlet / Outlet conditions were good. No structural or hazardous conditions were observed.

IMPOUNDMENT INSPECTION AND CERTIFIED REPORT

Old Coarse Refuse Road Sediment Pond

3. Field Evaluation.

Describe any changes in the geometry of the impounding structure, average and maximum depths and elevation of impounded water, estimated sediment or slurry volume and remaining storage capacity, estimated volume of water impounded, and any other aspect of the impounding structure affecting its stability or function which has occurred during the reporting period

No recent changes in the geometry of the structure have been observed
Some water was impounded
Sediment level was good.
No other aspects of the impounding structure were observed that could affect its stability or functionality.

QUALIFICATION STATEMENT:

I hereby certify that; I am experienced in the construction of impoundments; I am qualified and authorized under the direction of a Registered Professional Engineer to inspect the condition and appearance of impoundments in accordance with the certified and approved designs for this structure; that the impoundment has been maintained in accordance with approved designs and meets or exceeds the minimum design requirements under all applicable federal, state and local regulations; and that inspections are made by myself and include any appearances of instability, structural weakness or other hazardous condition of the structure affecting stability.

Signature: Rusty Ney Date: 10/13/11

CERTIFIED REPORT
IMPOUNDMENT EVALUATION

If you answer NO to these questions, please explain under comments

1. Is impoundment designed and constructed in accordance with the approved plan? YES
2. Is impoundment free of instability, structural weakness, or any other hazardous conditions? YES
3. Has the impoundment met all applicable performance standards and effluent limitations from the previous date of inspection? YES

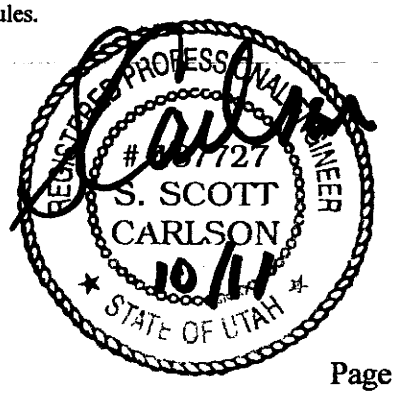
COMMENTS/ OTHER INFORMATION

None

CERTIFICATION STATEMENT:

I hereby certify that: I am experienced in the construction of impoundments; I am qualified and authorized in the State of Utah to inspect and certify the condition and appearance of impoundments in accordance with the certified and approved designs for this structure; that the impoundment has been maintained in accordance with approved designs and meets or exceeds the minimum design requirements under all applicable federal, state and local regulations; and that inspections and inspection reports are made by myself or under my direction and include any appearances of instability, structural weakness or other hazardous conditions of the structure affecting stability in accordance with the Utah R645 Coal Mining Rules.

By: S. Scott Carlson, PE, Twin Peaks, P.C.
P.E. Number & State: 187727 UTAH



Affix Signature, Stamp and Date

IMPOUNDMENT INSPECTION AND CERTIFIED REPORT

Pasture Sediment Pond

GENERAL INFORMATION

Report Date	October 7, 2011
Permit Number	C/007/035
Mine Name	Sunnyside Refuse and Slurry
Company Name	Sunnyside Cogeneration Associates

IMPOUNDMENT IDENTIFICATION

Impoundment Name	Pasture Sediment Pond
Impoundment Number	009
UPDES Permit Number	UT024759
MSHA ID Number	N/A

IMPOUNDMENT INSPECTION

Inspection Date	September 22, 2011
Inspected by	Rusty Netz
Reason for Inspection	Third Quarter Inspection 2011

1. Describe any appearance of any instability, structural weakness, or any other hazardous condition.

None

a. Sediment storage capacity, including elevation of 60% and 100% sediment storage volumes, and estimated average elevation of existing sediment.

Total Pond Volume = 3.2 Acre-feet
Pond bottom elevation = 6484.5
100% Sediment Storage Volume = 0.42 acre-feet at Elevation 6486.2
60% sediment Storage Volume = 0.25 acre feet at Elevation = 6485.5
Existing Sediment Elevation = 6485.1 +/-

b. Principle and emergency spillway elevations.

Primary Dewatering Pipe = 6486.6
Emergency Spillway Elevation = 6490.6

2. Field Information

Provide current water elevation, whether pond is discharging, type and number of samples taken, monitoring/ instrumentation information, inlet/ outlet conditions, or other related activities associated with the pond including but not limited to sediment cleanout, pond decanting, embankment erosion/ repairs, monitoring information, vegetation on outslopes of embankments, etc.

Pond had some water in it. No samples were taken Pond did not require decanting.
Sediment level was good
Embankment conditions were good. Vegetation on outslopes was adequate.
Inlet / Outlet conditions were good. No structural or hazardous conditions were observed.

Pasture Sediment Pond

3. Field Evaluation.

Describe any changes in the geometry of the impounding structure, average and maximum depths and elevation of impounded water, estimated sediment or slurry volume and remaining storage capacity, estimated volume of water impounded, and any other aspect of the impounding structure affecting its stability or function which has occurred during the reporting period

No recent changes in the geometry of the structure were observed.
Some water was impounded
Sediment level was good.
No other aspects of the impounding structure were observed that could affect its stability or functionality.

QUALIFICATION STATEMENT:

I hereby certify that; I am experienced in the construction of impoundments; I am qualified and authorized under the direction of a Registered Professional Engineer to inspect the condition and appearance of impoundments in accordance with the certified and approved designs for this structure; that the impoundment has been maintained in accordance with approved designs and meets or exceeds the minimum design requirements under all applicable federal, state and local regulations; and that inspections are made by myself and include any appearances of instability, structural weakness or other hazardous condition of the structure affecting stability.

Signature: Rusty Nety Date: 10/13/11

CERTIFIED REPORT
IMPOUNDMENT EVALUATION

If you answer NO to these questions, please explain under comments

1. Is impoundment designed and constructed in accordance with the approved plan? YES
2. Is impoundment free of instability, structural weakness, or any other hazardous conditions? YES
3. Has the impoundment met all applicable performance standards and effluent limitations from the previous date of inspection? YES

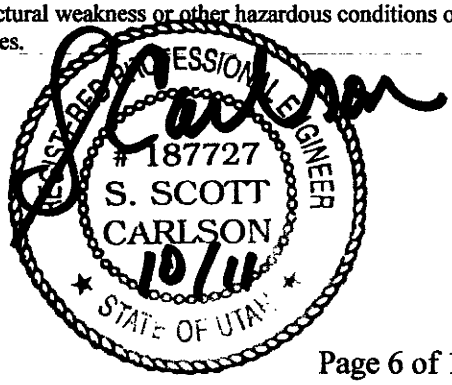
COMMENTS/ OTHER INFORMATION

None

CERTIFICATION STATEMENT:

I hereby certify that: I am experienced in the construction of impoundments; I am qualified and authorized in the State of Utah to inspect and certify the condition and appearance of impoundments in accordance with the certified and approved designs for this structure; that the impoundment has been maintained in accordance with approved designs and meets or exceeds the minimum design requirements under all applicable federal, state and local regulations; and that inspections and inspection reports are made by myself or under my direction and include any appearances of instability, structural weakness or other hazardous conditions of the structure affecting stability in accordance with the Utah R645 Coal Mining Rules.

By: S. Scott Carlson, PE, Twin Peaks, P.C.
P.E. Number & State: 187727 UTAH



Affix Signature, Stamp and Date

IMPOUNDMENT INSPECTION AND CERTIFIED REPORT

Coarse Refuse Toe Sediment Pond

GENERAL INFORMATION

Report Date	October 7, 2011
Permit Number	C/007/035
Mine Name	Sunnyside Refuse and Slurry
Company Name	Sunnyside Cogeneration Associates

IMPOUNDMENT IDENTIFICATION

Impoundment Name	New Coarse Refuse Toe Sediment Pond
Impoundment Number	012
UPDES Permit Number	UT024759
MSHA ID Number	N/A

IMPOUNDMENT INSPECTION

Inspection Date	September 22, 2011
Inspected by	Rusty Netz
Reason for Inspection	Third Quarter Inspection 2011

1. Describe any appearance of any instability, structural weakness, or any other hazardous condition.

None

a. Sediment storage capacity, including elevation of 60% and 100% sediment storage volumes, and estimated average elevation of existing sediment.

Total Pond Volume = 1.6 Acre-feet
Pond bottom elevation = 6176.0
100% Sediment Storage Volume = 0.07 acre-feet at Elevation 6177.8
60% sediment Storage Volume = 0.03 acre feet at Elevation = 6177.0
Existing Sediment Elevation = 6176.6 +/-

b. Principle and emergency spillway elevations.

Primary Dewatering Pipe = 6178.2
Emergency Spillway Elevation = 6183.63

2. Field Information

Provide current water elevation, whether pond is discharging, type and number of samples taken, monitoring/ instrumentation information, inlet/ outlet conditions, or other related activities associated with the pond including but not limited to sediment cleanout, pond decanting, embankment erosion/ repairs, monitoring information, vegetation on outslopes of embankments, etc.

Pond had some water in it. No samples were taken Pond did not require decanting
Sediment level was good
Embankment conditions were good. Vegetation on outslopes was adequate.
Inlet / Outlet conditions were good. No structural or hazardous conditions were observed.

IMPOUNDMENT INSPECTION AND CERTIFIED REPORT

Coarse Refuse Toe Sediment Pond

3. Field Evaluation.

Describe any changes in the geometry of the impounding structure, average and maximum depths and elevation of impounded water, estimated sediment or slurry volume and remaining storage capacity, estimated volume of water impounded, and any other aspect of the impounding structure affecting its stability or function which has occurred during the reporting period

No recent changes in the geometry of the structure have been observed
Some water was impounded
Sediment level was good.
No other aspects of the impounding structure were observed that could affect its stability or functionality.

QUALIFICATION STATEMENT:

I hereby certify that; I am experienced in the construction of impoundments; I am qualified and authorized under the direction of a Registered Professional Engineer to inspect the condition and appearance of impoundments in accordance with the certified and approved designs for this structure; that the impoundment has been maintained in accordance with approved designs and meets or exceeds the minimum design requirements under all applicable federal, state and local regulations; and that inspections are made by myself and include any appearances of instability, structural weakness or other hazardous condition of the structure affecting stability.

Signature: Rusty Ney Date: 10/13/11

CERTIFIED REPORT
IMPOUNDMENT EVALUATION

If you answer NO to these questions, please explain under comments

1. Is impoundment designed and constructed in accordance with the approved plan? YES
2. Is impoundment free of instability, structural weakness, or any other hazardous conditions? YES
3. Has the impoundment met all applicable performance standards and effluent limitations from the previous date of inspection? YES

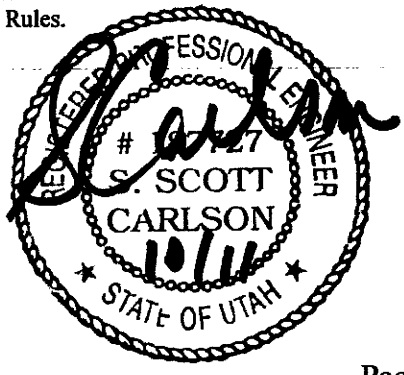
COMMENTS/ OTHER INFORMATION

None

CERTIFICATION STATEMENT:

I hereby certify that: I am experienced in the construction of impoundments; I am qualified and authorized in the State of Utah to inspect and certify the condition and appearance of impoundments in accordance with the certified and approved designs for this structure; that the impoundment has been maintained in accordance with approved designs and meets or exceeds the minimum design requirements under all applicable federal, state and local regulations; and that inspections and inspection reports are made by myself or under my direction and include any appearances of instability, structural weakness or other hazardous conditions of the structure affecting stability in accordance with the Utah R645 Coal Mining Rules.

By: S. Scott Carlson, PE, Twin Peaks, P.C.
P.E. Number & State: 187727 UTAH



Affix Signature, Stamp and Date

IMPOUNDMENT INSPECTION AND CERTIFIED REPORT

GENERAL INFORMATION **Coal Pile Sediment Pond**

Report Date	October 7, 2011
Permit Number	C/007/035
Mine Name	Sunnyside Refuse and Slurry
Company Name	Sunnyside Cogeneration Associates

IMPOUNDMENT IDENTIFICATION

Impoundment Name	Coal Pile Sediment Pond
Impoundment Number	014
UPDES Permit Number	UT024759
MSHA ID Number	N/A

IMPOUNDMENT INSPECTION

Inspection Date	September 22, 2011
Inspected by	Rusty Netz
Reason for Inspection	Third Quarter Inspection 2011

1. Describe any appearance of any instability, structural weakness, or any other hazardous condition.

None

a. Sediment storage capacity, including elevation of 60% and 100% sediment storage volumes, and estimated average elevation of existing sediment.

Total Pond Volume = 1.5 Acre-feet
Pond bottom elevation = 6473.0
100% Sediment Storage Volume = 0.5 acre-feet at Elevation 6476.0
60% sediment Storage Volume = 0.3 acre feet at Elevation = 6474.7
Existing Sediment Elevation = 6474 +/-

b. Principle and emergency spillway elevations.

Primary Dewatering Pipe = 6476.0
Secondary Dewatering Orifice = 6477.2
Primary Spillway Elevation = 6477.9
Emergency Spillway Elevation = 6479.0

2. Field Information

Provide current water elevation, whether pond is discharging, type and number of samples taken, monitoring/ instrumentation information, inlet/ outlet conditions, or other related activities associated with the pond including but not limited to sediment cleanout, pond decanting, embankment erosion/ repairs, monitoring information, vegetation on outslopes of embankments, etc.

Pond had some water in it. No samples were taken Pond did not require decanting.
Sediment level was good.
Embankment conditions were good. Vegetation on outslopes was adequate.
Inlet / Outlet conditions were good. No structural or hazardous conditions were observed.

IMPOUNDMENT INSPECTION AND CERTIFIED REPORT

Coal Pile Sediment Pond

3. Field Evaluation.

Describe any changes in the geometry of the impounding structure, average and maximum depths and elevation of impounded water, estimated sediment or slurry volume and remaining storage capacity, estimated volume of water impounded, and any other aspect of the impounding structure affecting its stability or function which has occurred during the reporting period

No recent changes in the geometry of the structure have been observed
Some water was impounded
Sediment level was good.
No other aspects of the impounding structure were observed that could affect its stability or functionality.

QUALIFICATION STATEMENT:

I hereby certify that; I am experienced in the construction of impoundments; I am qualified and authorized under the direction of a Registered Professional Engineer to inspect the condition and appearance of impoundments in accordance with the certified and approved designs for this structure; that the impoundment has been maintained in accordance with approved designs and meets or exceeds the minimum design requirements under all applicable federal, state and local regulations; and that inspections are made by myself and include any appearances of instability, structural weakness or other hazardous condition of the structure affecting stability.

Signature: Rusty Netz Date: 10/13/11

CERTIFIED REPORT
IMPOUNDMENT EVALUATION

If you answer NO to these questions, please explain under comments

1. Is impoundment designed and constructed in accordance with the approved plan? YES
2. Is impoundment free of instability, structural weakness, or any other hazardous conditions? YES
3. Has the impoundment met all applicable performance standards and effluent limitations from the previous date of inspection? YES

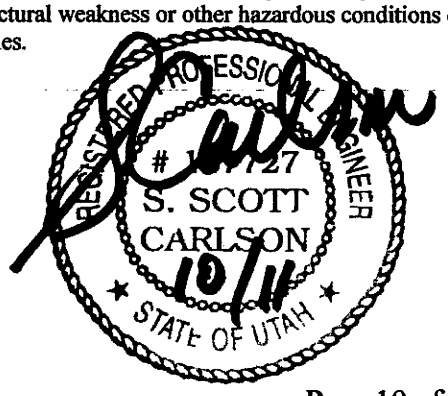
COMMENTS/ OTHER INFORMATION

None

CERTIFICATION STATEMENT:

I hereby certify that: I am experienced in the construction of impoundments; I am qualified and authorized in the State of Utah to inspect and certify the condition and appearance of impoundments in accordance with the certified and approved designs for this structure; that the impoundment has been maintained in accordance with approved designs and meets or exceeds the minimum design requirements under all applicable federal, state and local regulations; and that inspections and inspection reports are made by myself or under my direction and include any appearances of instability, structural weakness or other hazardous conditions of the structure affecting stability in accordance with the Utah R645 Coal Mining Rules.

By: S. Scott Carlson, PE, Twin Peaks, P.C.
P.E. Number & State: 187727 UTAH



Affix Signature, Stamp and Date

IMPOUNDMENT INSPECTION AND CERTIFIED REPORT

Borrow Area Sediment Pond

GENERAL INFORMATION

Report Date	October 7, 2011
Permit Number	C/007/035
Mine Name	Sunnyside Refuse and Slurry
Company Name	Sunnyside Cogeneration Associates

IMPOUNDMENT IDENTIFICATION

Impoundment Name	Borrow Area Sediment Pond
Impoundment Number	016
UPDES Permit Number	UT024759
MSHA ID Number	N/A

IMPOUNDMENT INSPECTION

Inspection Date	September 22, 2011
Inspected by	Rusty Netz
Reason for Inspection	Third Quarter Inspection 2011

1. Describe any appearance of any instability, structural weakness, or any other hazardous condition.

None

a. Sediment storage capacity, including elevation of 60% and 100% sediment storage volumes, and estimated average elevation of existing sediment.

Total Pond Volume = 8.3 Acre-feet
Pond bottom elevation = 6510.0
100% Sediment Storage Volume = 2.3 acre-feet at Elevation 6514.3
60% sediment Storage Volume = 1.4 acre feet at Elevation = 6513.3
Existing Sediment Elevation = 6511 +/-

b. Principle and emergency spillway elevations.

Primary Dewatering Pipe = 6514.3
Emergency Spillway Elevation = 6517.03

2. Field Information

Provide current water elevation, whether pond is discharging, type and number of samples taken, monitoring/ instrumentation information, inlet/ outlet conditions, or other related activities associated with the pond including but not limited to sediment cleanout, pond decanting, embankment erosion/ repairs, monitoring information, vegetation on outslopes of embankments, etc.

Pond had no water in it. No samples were taken
Sediment level was good. Pond did not require decanting.
Embankment conditions were good. Vegetation on outslopes was adequate.
Inlet / Outlet conditions were good. No structural or hazardous conditions were observed.

IMPOUNDMENT INSPECTION AND CERTIFIED REPORT

Borrow Area Sediment Pond

3. Field Evaluation.

Describe any changes in the geometry of the impounding structure, average and maximum depths and elevation of impounded water, estimated sediment or slurry volume and remaining storage capacity, estimated volume of water impounded, and any other aspect of the impounding structure affecting its stability or function which has occurred during the reporting period

No recent changes in the geometry of the structure have been observed
No water was impounded
Sediment level was good.
No other aspects of the impounding structure were observed that could affect its stability or functionality.

QUALIFICATION STATEMENT:

I hereby certify that; I am experienced in the construction of impoundments; I am qualified and authorized under the direction of a Registered Professional Engineer to inspect the condition and appearance of impoundments in accordance with the certified and approved designs for this structure; that the impoundment has been maintained in accordance with approved designs and meets or exceeds the minimum design requirements under all applicable federal, state and local regulations; and that inspections are made by myself and include any appearances of instability, structural weakness or other hazardous condition of the structure affecting stability.

Signature: Rusty Roty Date: 10/13/11

CERTIFIED REPORT
IMPOUNDMENT EVALUATION

If you answer NO to these questions, please explain under comments

1. Is impoundment designed and constructed in accordance with the approved plan? YES
2. Is impoundment free of instability, structural weakness, or any other hazardous conditions? YES
3. Has the impoundment met all applicable performance standards and effluent limitations from the previous date of inspection? YES

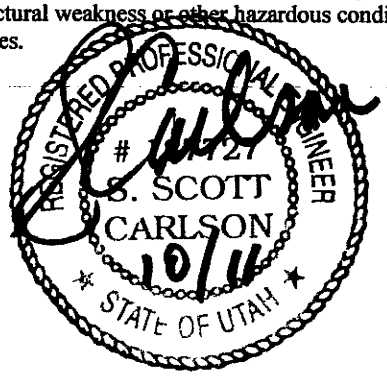
COMMENTS/ OTHER INFORMATION

None

CERTIFICATION STATEMENT:

I hereby certify that: I am experienced in the construction of impoundments; I am qualified and authorized in the State of Utah to inspect and certify the condition and appearance of impoundments in accordance with the certified and approved designs for this structure; that the impoundment has been maintained in accordance with approved designs and meets or exceeds the minimum design requirements under all applicable federal, state and local regulations; and that inspections and inspection reports are made by myself or under my direction and include any appearances of instability, structural weakness or other hazardous conditions of the structure affecting stability in accordance with the Utah R645 Coal Mining Rules.

By: S. Scott Carlson, PE, Twin Peaks, P.C.
P.E. Number & State: 187727 UTAH



Affix Signature, Stamp and Date

INSPECTION AND CERTIFIED REPORT ON EXCESS SPOIL PILE OR REFUSE PILE

GENERAL INFORMATION **Coarse Refuse Pile**

Report Date October 7, 2011
Permit Number C/007/035
Mine Name Sunnyside Refuse and Slurry
Company Name Sunnyside Cogeneration Associates

EXCESS SPOIL PILE OR REFUSE PILE IDENTIFICATION

Pile Name Coarse Refuse Pile
Pile Number N/A
MSHA ID Number 1211-UT-09-02093-01

Inspection Date September 22, 2011
Inspected by Rusty Netz
Reason for Inspection Third Quarter Inspection 2011

Attachment to Report? (such as refuse sample analysis or photos) **YES**

Field Evaluation

1. Foundation preparation, including the removal of all organic material and topsoil.

N/A

2. Placement of underdrains and protective filter systems.

N/A

3. Installation of final surface drainage systems

N/A

4. Placement and compaction of fill materials

N/A - Activities occurring at this time are associated with removal of refuse material

5. Final grading and revegetation of fill.

N/A

6. Appearances of instability, structural weakness, and other hazardous conditions

No aspects of the Fill structure were observed that could affect its stability or functionality

INSPECTION AND CERTIFIED REPORT ON EXCESS SPOIL PILE OR REFUSE PILE

Coarse Refuse Pile

7. Other comments. Describe any changes in the geometry of the Excess Spoil/Refuse Pile structure, instrumentation, average and maximum lifts of materials placed in the pile, elevations of active benches, total and remaining storage capacity of the structure, evidence of fires in the pile and abatement of such fires, volumes of materials placed in the structure during the year, and any other aspect of the structure affecting its stability or function which has occurred during the reporting period

Refuse material is actively being excavated and removed from various locations across the top of the pile

QUALIFICATION STATEMENT:

I hereby certify that; I am experienced in the construction of earth and rock fills; I am qualified and authorized under the direction of a Registered Professional Engineer to inspect the condition and appearance of earth and rock fills in accordance with the certified and approved designs for this structure; that the fill structure has been maintained in accordance with approved design and meets or exceeds the minimum design requirements under all applicable federal, state and local regulations; and that inspections are made by myself and include any appearances of instability, structural weakness or other hazardous condition of the structure affecting stability.

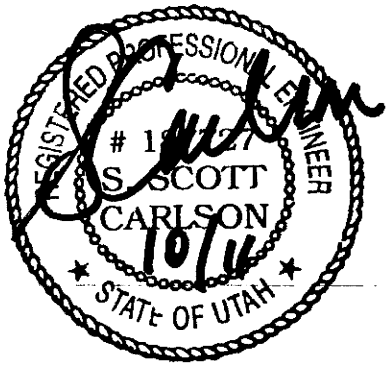
Signature: Rusty Nety Date: 10/13/11

CERTIFICATION STATEMENT

I hereby certify that: I am experienced in the construction of earth and rock fills; I am qualified and authorized in the State of Utah to inspect and certify the condition and appearance of earth and rock fills in accordance with the certified and approved designs for this structure; that the fill structure has been maintained in accordance with the approved design and meets or exceeds the minimum design requirements under all applicable federal, state, and local regulations; and, that inspections and inspection reports are made by myself or under my direction and include any appearances of instability, structural weakness or other hazardous conditions of the structure affecting stability.

By: S. Scott Carlson, PE, Twin Peaks, P.C.
P.E. Number & State: 187727 UTAH

Affix Signature, Stamp and Date



INSPECTION AND CERTIFIED REPORT ON EXCESS SPOIL PILE OR REFUSE PILE

GENERAL INFORMATION **Excess Spoil Disposal Area #1**

Report Date	October 7, 2011
Permit Number	C/007/035
Mine Name	Sunnyside Refuse and Slurry
Company Name	Sunnyside Cogeneration Associates

EXCESS SPOIL PILE OR REFUSE PILE IDENTIFICATION

Pile Name	Excess Spoil Disposal Area #1
Pile Number	N/A
MSHA ID Number	1211-UT-09-02093-04

Inspection Date	September 22, 2011
Inspected by	Rusty Netz
Reason for Inspection	Third Quarter Inspection 2011

Attachment to Report? (such as refuse sample analysis or photos) **No**

Field Evaluation

1. Foundation preparation, including the removal of all organic material and topsoil.

   N/A

2. Placement of underdrains and protective filter systems.

   N/A

3. Installation of final surface drainage systems

   N/A

4. Placement and compaction of fill materials

   Approximately 26,670 tons of material were placed during the quarter.

5. Final grading and revegetation of fill.

   N/A

6. Appearances of instability, structural weakness, and other hazardous conditions

   No aspects of the Fill structure were observed that could affect its stability or functionality

INSPECTION AND CERTIFIED REPORT ON EXCESS SPOIL PILE OR REFUSE PILE

Excess Spoil Disposal Area #1

7. Other comments. Describe any changes in the geometry of the Excess Spoil/Refuse Pile structure, instrumentation, average and maximum lifts of materials placed in the pile, elevations of active benches, total and remaining storage capacity of the structure, evidence of fires in the pile and abatement of such fires, volumes of materials placed in the structure during the year, and any other aspect of the structure affecting its stability or function which has occurred during the reporting period

Construction of the fill has been proceeding in shallow lifts in general conformance with the approved plan.

QUALIFICATION STATEMENT:

I hereby certify that; I am experienced in the construction of earth and rock fills; I am qualified and authorized under the direction of a Registered Professional Engineer to inspect the condition and appearance of earth and rock fills in accordance with the certified and approved designs for this structure; that the fill structure has been maintained in accordance with approved design and meets or exceeds the minimum design requirements under all applicable federal, state and local regulations; and that inspections are made by myself and include any appearances of instability, structural weakness or other hazardous condition of the structure affecting stability.

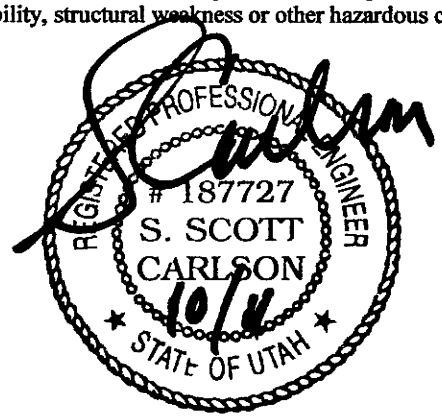
Signature: Rusty Nety Date: 10/13/11

CERTIFICATION STATEMENT

I hereby certify that: I am experienced in the construction of earth and rock fills; I am qualified and authorized in the State of Utah to inspect and certify the condition and appearance of earth and rock fills in accordance with the certified and approved designs for this structure; that the fill structure has been maintained in accordance with the approved design and meets or exceeds the minimum design requirements under all applicable federal, state, and local regulations; and, that inspections and inspection reports are made by myself or under my direction and include any appearances of instability, structural weakness or other hazardous conditions of the structure affecting stability.

By: S. Scott Carlson, PE, Twin Peaks, P.C.
P.E. Number & State: 187727 UTAH

Affix Signature, Stamp and Date



INSPECTION AND CERTIFIED REPORT ON EXCESS SPOIL PILE OR REFUSE PILE

GENERAL INFORMATION **Excess Spoil Disposal Area #2**

Report Date October 7, 2011
Permit Number C/007/035
Mine Name Sunnyside Refuse and Slurry
Company Name Sunnyside Cogeneration Associates

EXCESS SPOIL PILE OR REFUSE PILE IDENTIFICATION

Pile Name Excess Spoil Disposal Area #2
Pile Number N/A
MSHA ID Number 1211-UT-09-02093-05

Inspection Date September 22, 2011
Inspected by Rusty Netz
Reason for Inspection Third Quarter Inspection 2011

Attachment to Report? (such as refuse sample analysis or photos) **NO**

Field Evaluation

1. Foundation preparation, including the removal of all organic material and topsoil.

   Existing disturbed site. No additional topsoil removal is required by the approved plan

2. Placement of underdrains and protective filter systems.

   No under-drains or filters are required by the approved plan

3. Installation of final surface drainage systems

   N/A

4. Placement and compaction of fill materials

   No new material was placed in this disposal area during the quarter.

5. Final grading and revegetation of fill.

   N/A

6. Appearances of instability, structural weakness, and other hazardous conditions

   No aspects of the Fill structure were observed that could affect its stability or functionality

INSPECTION AND CERTIFIED REPORT ON EXCESS SPOIL PILE OR REFUSE PILE

Excess Spoil Disposal Area #2

7. Other comments. Describe any changes in the geometry of the Excess Spoil/Refuse Pile structure, instrumentation, average and maximum lifts of materials placed in the pile, elevations of active benches, total and remaining storage capacity of the structure, evidence of fires in the pile and abatement of such fires, volumes of materials placed in the structure during the year, and any other aspect of the structure affecting its stability or function which has occurred during the reporting period

Construction of the fill has been proceeding in shallow lifts in general conformance with the approved plan.

QUALIFICATION STATEMENT:

I hereby certify that; I am experienced in the construction of earth and rock fills; I am qualified and authorized under the direction of a Registered Professional Engineer to inspect the condition and appearance of earth and rock fills in accordance with the certified and approved designs for this structure; that the fill structure has been maintained in accordance with approved design and meets or exceeds the minimum design requirements under all applicable federal, state and local regulations; and that inspections are made by myself and include any appearances of instability, structural weakness or other hazardous condition of the structure affecting stability.

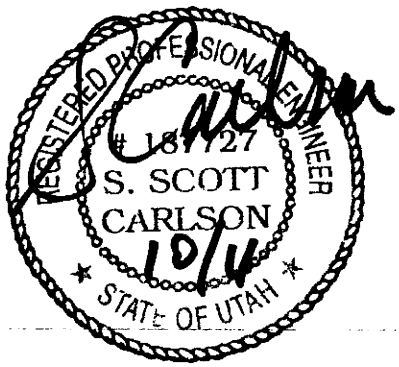
Signature: Rusty Netz Date: 10/13/11

CERTIFICATION STATEMENT

I hereby certify that: I am experienced in the construction of earth and rock fills; I am qualified and authorized in the State of Utah to inspect and certify the condition and appearance of earth and rock fills in accordance with the certified and approved designs for this structure; that the fill structure has been maintained in accordance with the approved design and meets or exceeds the minimum design requirements under all applicable federal, state, and local regulations; and, that inspections and inspection reports are made by myself or under my direction and include any appearances of instability, structural weakness or other hazardous conditions of the structure affecting stability.

By: S. Scott Carlson, PE, Twin Peaks, P.C.
P.E. Number & State: 187727 UTAH

Affix Signature, Stamp and Date



APPENDIX A
CERTIFIED REPORTS

FOURTH QUARTER INSPECTION

IMPOUNDMENTS, REFUSE PILE AND DISPOSAL AREAS

Sunnyside Cogeneration Associates

P.O. Box 10, East Carbon, Utah 84520 • (435) 888-4476 • Fax (435) 888-2538

January 26, 2012

Daron Haddock
Utah Division of Oil, Gas & Mining
1594 W. North Temple, Suite 1210
Salt Lake City, Utah 84116

RE: 4th Quarter 2011 Inspection Report
Sunnyside Refuse Pile C/007/035

Dear Daron:

Please find enclosed a copy of the Fourth Quarter 2011 Inspection Report for Sunnyside Cogeneration Associates' impoundments, refuse pile and excess spoil areas.

Should you have any questions, please contact Rusty Netz or myself at (435)888-4476.

Thank You,

Richard Carter
Agent For
Sunnyside Cogeneration Associates

c.c. Steve Gross
Maggie Estrada
Rusty Netz
Plant File

IMPOUNDMENT INSPECTION AND CERTIFIED REPORT

Railcut Sediment Pond

GENERAL INFORMATION

Report Date	January 19, 2012
Permit Number	C/007/035
Mine Name	Sunnyside Refuse and Slurry
Company Name	Sunnyside Cogeneration Associates

IMPOUNDMENT IDENTIFICATION

Impoundment Name	RailCut Sediment Pond
Impoundment Number	007
UPDES Permit Number	UT024759
MSHA ID Number	N/A

IMPOUNDMENT INSPECTION

Inspection Date	December 22, 2011
Inspected by	Rusty Netz
Reason for Inspection	Fourth Quarter Inspection 2011

1. Describe any appearance of any instability, structural weakness, or any other hazardous condition.

None

a. Sediment storage capacity, including elevation of 60% and 100% sediment storage volumes, and estimated average elevation of existing sediment.

Total Pond Volume = 4.8 Acre-feet
Pond bottom elevation = 6206.0
100% Sediment Storage Volume = 0.34 acre-feet at Elevation 6209
60% sediment Storage Volume = 0.2 acre feet at Elevation = 6207.7
Existing Sediment Elevation = 6207.2 +/-

b. Principle and emergency spillway elevations.

Primary Dewatering Pipe = 6209.07
Emergency Spillway Elevation = 6212.34

2. Field Information

Provide current water elevation, whether pond is discharging, type and number of samples taken, monitoring/ instrumentation information, inlet/ outlet conditions, or other related activities associated with the pond including but not limited to sediment cleanout, pond decanting, embankment erosion/ repairs, monitoring information, vegetation on outslopes of embankments, etc.

Pond had very little water in it. No samples were taken Pond did not require decanting
Sediment levels were good
Embankment conditions were good. Vegetation on outslopes was adequate.
Inlet / Outlet conditions were good. No structural or hazardous conditions were observed.

IMPOUNDMENT INSPECTION AND CERTIFIED REPORT

Rail Cut Sediment Pond

3. Field Evaluation.

Describe any changes in the geometry of the impounding structure, average and maximum depths and elevation of impounded water, estimated sediment or slurry volume and remaining storage capacity, estimated volume of water impounded, and any other aspect of the impounding structure affecting its stability or function which has occurred during the reporting period

No recent changes in the geometry of the structure have been observed
Very little water was impounded
No other aspects of the impounding structure were observed that could affect its stability or functionality.

QUALIFICATION STATEMENT:

I hereby certify that; I am experienced in the construction of impoundments; I am qualified and authorized under the direction of a Registered Professional Engineer to inspect the condition and appearance of impoundments in accordance with the certified and approved designs for this structure; that the impoundment has been maintained in accordance with approved designs and meets or exceeds the minimum design requirements under all applicable federal, state and local regulations; and that inspections are made by myself and include any appearances of instability, structural weakness or other hazardous condition of the structure affecting stability.

Signature: Rusty Nety Date: 1/26/12

CERTIFIED REPORT
IMPOUNDMENT EVALUATION

If you answer NO to these questions, please explain under comments

1. Is impoundment designed and constructed in accordance with the approved plan? YES
2. Is impoundment free of instability, structural weakness, or any other hazardous conditions? YES
3. Has the impoundment met all applicable performance standards and effluent limitations from the previous date of inspection? YES

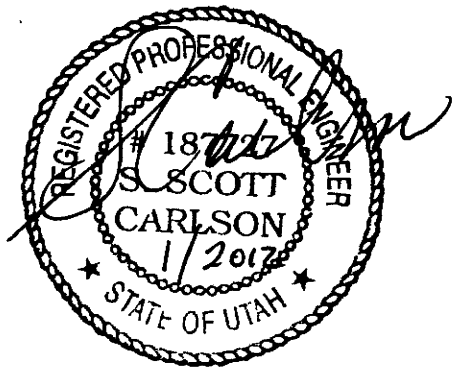
COMMENTS/ OTHER INFORMATION

None

CERTIFICATION STATEMENT:

I hereby certify that: I am experienced in the construction of impoundments; I am qualified and authorized in the State of Utah to inspect and certify the condition and appearance of impoundments in accordance with the certified and approved designs for this structure; that the impoundment has been maintained in accordance with approved designs and meets or exceeds the minimum design requirements under all applicable federal, state and local regulations; and that inspections and inspection reports are made by myself or under my direction and include any appearances of instability, structural weakness or other hazardous conditions of the structure affecting stability in accordance with the Utah R645 Coal Mining Rules.

By: S. Scott Carlson, PE, Twin Peaks, P.C.
P.E. Number & State: 187727 UTAH



Affix Signature, Stamp and Date

IMPOUNDMENT INSPECTION AND CERTIFIED REPORT

Old Coarse Refuse Road Sediment Pond

GENERAL INFORMATION

Report Date	January 19, 2012
Permit Number	C/007/035
Mine Name	Sunnyside Refuse and Slurry
Company Name	Sunnyside Cogeneration Associates

IMPOUNDMENT IDENTIFICATION

Impoundment Name	Old Coarse Refuse Road Sediment Pond
Impoundment Number	008
UPDES Permit Number	UT024759
MSHA ID Number	N/A

IMPOUNDMENT INSPECTION

Inspection Date	December 22, 2011
Inspected by	Rusty Netz
Reason for Inspection	Fourth Quarter Inspection 2011

1. Describe any appearance of any instability, structural weakness, or any other hazardous condition.

None

a. Sediment storage capacity, including elevation of 60% and 100% sediment storage volumes, and estimated average elevation of existing sediment.

Total Pond Volume = 0.9 Acre-feet
Pond bottom elevation = 6394.0
100% Sediment Storage Volume = 0.08 acre-feet at Elevation 6395.1
60% sediment Storage Volume = 0.05 acre feet at Elevation = 6394.75
Existing Sediment Elevation = 6394.4 +/-

b. Principle and emergency spillway elevations.

Primary Dewatering Pipe = 6395.75
Emergency Spillway Elevation = 6399.4

2. Field Information

Provide current water elevation, whether pond is discharging, type and number of samples taken, monitoring/ instrumentation information, inlet/ outlet conditions, or other related activities associated with the pond including but not limited to sediment cleanout, pond decanting, embankment erosion/ repairs, monitoring information, vegetation on outslopes of embankments, etc.

Pond had some water in it. No samples were taken Pond did not require decanting.
Sediment level was good.
Embankment conditions were good. Vegetation on outslopes was adequate.
Inlet / Outlet conditions were good. No structural or hazardous conditions were observed.

IMPOUNDMENT INSPECTION AND CERTIFIED REPORT

Old Coarse Refuse Road Sediment Pond

3. Field Evaluation.

Describe any changes in the geometry of the impounding structure, average and maximum depths and elevation of impounded water, estimated sediment or slurry volume and remaining storage capacity, estimated volume of water impounded, and any other aspect of the impounding structure affecting its stability or function which has occurred during the reporting period

No recent changes in the geometry of the structure have been observed
Some water was impounded
Sediment level was good.
No other aspects of the impounding structure were observed that could affect its stability or functionality.

QUALIFICATION STATEMENT:

I hereby certify that; I am experienced in the construction of impoundments; I am qualified and authorized under the direction of a Registered Professional Engineer to inspect the condition and appearance of impoundments in accordance with the certified and approved designs for this structure; that the impoundment has been maintained in accordance with approved designs and meets or exceeds the minimum design requirements under all applicable federal, state and local regulations; and that inspections are made by myself and include any appearances of instability, structural weakness or other hazardous condition of the structure affecting stability.

Signature: Rusty Roty Date: 1/26/12

CERTIFIED REPORT
IMPOUNDMENT EVALUATION

If you answer NO to these questions, please explain under comments

1. Is impoundment designed and constructed in accordance with the approved plan? YES
2. Is impoundment free of instability, structural weakness, or any other hazardous conditions? YES
3. Has the impoundment met all applicable performance standards and effluent limitations from the previous date of inspection? YES

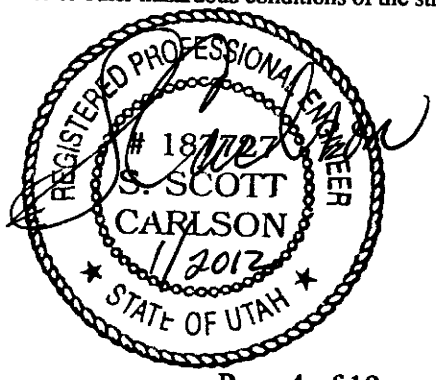
COMMENTS/ OTHER INFORMATION

None

CERTIFICATION STATEMENT:

I hereby certify that: I am experienced in the construction of impoundments; I am qualified and authorized in the State of Utah to inspect and certify the condition and appearance of impoundments in accordance with the certified and approved designs for this structure; that the impoundment has been maintained in accordance with approved designs and meets or exceeds the minimum design requirements under all applicable federal, state and local regulations; and that inspections and inspection reports are made by myself or under my direction and include any appearances of instability, structural weakness or other hazardous conditions of the structure affecting stability in accordance with the Utah R645 Coal Mining Rules.

By: S. Scott Carlson, PE, Twin Peaks, P.C.
P.E. Number & State: 187727 UTAH



Affix Signature, Stamp and Date

IMPOUNDMENT INSPECTION AND CERTIFIED REPORT

Pasture Sediment Pond

GENERAL INFORMATION

Report Date	January 19, 2012
Permit Number	C/007/035
Mine Name	Sunnyside Refuse and Slurry
Company Name	Sunnyside Cogeneration Associates

IMPOUNDMENT IDENTIFICATION

Impoundment Name	Pasture Sediment Pond
Impoundment Number	009
UPDES Permit Number	UT024759
MSHA ID Number	N/A

IMPOUNDMENT INSPECTION

Inspection Date	December 22, 2011
Inspected by	Rusty Netz
Reason for Inspection	Fourth Quarter Inspection 2011

1. Describe any appearance of any instability, structural weakness, or any other hazardous condition.

None

a. Sediment storage capacity, including elevation of 60% and 100% sediment storage volumes, and estimated average elevation of existing sediment.

Total Pond Volume = 3.2 Acre-feet
Pond bottom elevation = 6484.5
100% Sediment Storage Volume = 0.42 acre-feet at Elevation 6486.2
60% sediment Storage Volume = 0.25 acre feet at Elevation = 6485.5
Existing Sediment Elevation = 6485.1 +/-

b. Principle and emergency spillway elevations.

Primary Dewatering Pipe = 6486.6
Emergency Spillway Elevation = 6490.6

2. Field Information

Provide current water elevation, whether pond is discharging, type and number of samples taken, monitoring/ instrumentation information, inlet/ outlet conditions, or other related activities associated with the pond including but not limited to sediment cleanout, pond decanting, embankment erosion/ repairs, monitoring information, vegetation on outslopes of embankments, etc.

Pond had some water in it. No samples were taken Pond did not require decanting.
Sediment level was good
Embankment conditions were good. Vegetation on outslopes was adequate.
Inlet / Outlet conditions were good. No structural or hazardous conditions were observed.

IMPOUNDMENT INSPECTION AND CERTIFIED REPORT

Pasture Sediment Pond

3. Field Evaluation.

Describe any changes in the geometry of the impounding structure, average and maximum depths and elevation of impounded water, estimated sediment or slurry volume and remaining storage capacity, estimated volume of water impounded, and any other aspect of the impounding structure affecting its stability or function which has occurred during the reporting period

No recent changes in the geometry of the structure were observed.
Some water was impounded
Sediment level was good.
No other aspects of the impounding structure were observed that could affect its stability or functionality.

QUALIFICATION STATEMENT:

I hereby certify that; I am experienced in the construction of impoundments; I am qualified and authorized under the direction of a Registered Professional Engineer to inspect the condition and appearance of impoundments in accordance with the certified and approved designs for this structure; that the impoundment has been maintained in accordance with approved designs and meets or exceeds the minimum design requirements under all applicable federal, state and local regulations; and that inspections are made by myself and include any appearances of instability, structural weakness or other hazardous condition of the structure affecting stability.

Signature: Rusty Nety Date: 1/26/12

CERTIFIED REPORT
IMPOUNDMENT EVALUATION

If you answer NO to these questions, please explain under comments

1. Is impoundment designed and constructed in accordance with the approved plan? YES
2. Is impoundment free of instability, structural weakness, or any other hazardous conditions? YES
3. Has the impoundment met all applicable performance standards and effluent limitations from the previous date of inspection? YES

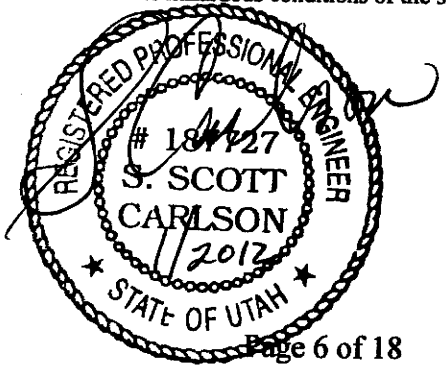
COMMENTS/ OTHER INFORMATION

None

CERTIFICATION STATEMENT:

I hereby certify that: I am experienced in the construction of impoundments; I am qualified and authorized in the State of Utah to inspect and certify the condition and appearance of impoundments in accordance with the certified and approved designs for this structure; that the impoundment has been maintained in accordance with approved designs and meets or exceeds the minimum design requirements under all applicable federal, state and local regulations; and that inspections and inspection reports are made by myself or under my direction and include any appearances of instability, structural weakness or other hazardous conditions of the structure affecting stability in accordance with the Utah R645 Coal Mining Rules.

By: S. Scott Carlson, PE, Twin Peaks, P.C.
P.E. Number & State: 187727 UTAH



Affix Signature, Stamp and Date

IMPOUNDMENT INSPECTION AND CERTIFIED REPORT

Coarse Refuse Toe Sediment Pond

GENERAL INFORMATION

Report Date	January 19, 2012
Permit Number	C/007/035
Mine Name	Sunnyside Refuse and Slurry
Company Name	Sunnyside Cogeneration Associates

IMPOUNDMENT IDENTIFICATION

Impoundment Name	New Coarse Refuse Toe Sediment Pond
Impoundment Number	012
UPDES Permit Number	UT024759
MSHA ID Number	N/A

IMPOUNDMENT INSPECTION

Inspection Date	December 22, 2011
Inspected by	Rusty Netz
Reason for Inspection	Fourth Quarter Inspection 2011

1. Describe any appearance of any instability, structural weakness, or any other hazardous condition.

None

a. Sediment storage capacity, including elevation of 60% and 100% sediment storage volumes, and estimated average elevation of existing sediment.

Total Pond Volume = 1.6 Acre-feet
Pond bottom elevation = 6176.0
100% Sediment Storage Volume = 0.07 acre-feet at Elevation 6177.8
60% sediment Storage Volume = 0.03 acre feet at Elevation = 6177.0
Existing Sediment Elevation = 6176.6 +/-

b. Principle and emergency spillway elevations.

Primary Dewatering Pipe = 6178.2
Emergency Spillway Elevation = 6183.63

2. Field Information

Provide current water elevation, whether pond is discharging, type and number of samples taken, monitoring/ instrumentation information, inlet/ outlet conditions, or other related activities associated with the pond including but not limited to sediment cleanout, pond decanting, embankment erosion/ repairs, monitoring information, vegetation on outslopes of embankments, etc.

Pond had some water in it. No samples were taken Pond did not require decanting
Sediment level was good
Embankment conditions were good. Vegetation on outslopes was adequate.
Inlet / Outlet conditions were good. No structural or hazardous conditions were observed.

IMPOUNDMENT INSPECTION AND CERTIFIED REPORT

Coarse Refuse Toe Sediment Pond

3. Field Evaluation.

Describe any changes in the geometry of the impounding structure, average and maximum depths and elevation of impounded water, estimated sediment or slurry volume and remaining storage capacity, estimated volume of water impounded, and any other aspect of the impounding structure affecting its stability or function which has occurred during the reporting period

No recent changes in the geometry of the structure have been observed
Some water was impounded
Sediment level was good.
No other aspects of the impounding structure were observed that could affect its stability or functionality.

QUALIFICATION STATEMENT:

I hereby certify that; I am experienced in the construction of impoundments; I am qualified and authorized under the direction of a Registered Professional Engineer to inspect the condition and appearance of impoundments in accordance with the certified and approved designs for this structure; that the impoundment has been maintained in accordance with approved designs and meets or exceeds the minimum design requirements under all applicable federal, state and local regulations; and that inspections are made by myself and include any appearances of instability, structural weakness or other hazardous condition of the structure affecting stability.

Signature: Rusty Ney Date: 1/26/12

CERTIFIED REPORT
IMPOUNDMENT EVALUATION

If you answer NO to these questions, please explain under comments

1. Is impoundment designed and constructed in accordance with the approved plan? YES
2. Is impoundment free of instability, structural weakness, or any other hazardous conditions? YES
3. Has the impoundment met all applicable performance standards and effluent limitations from the previous date of inspection? YES

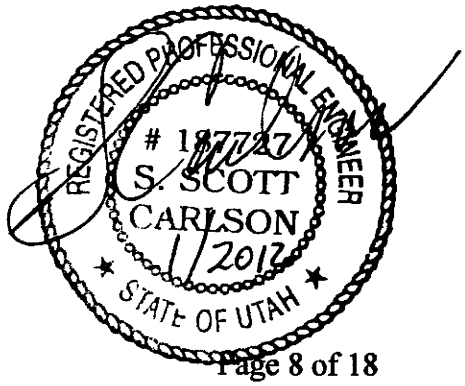
COMMENTS/ OTHER INFORMATION

None

CERTIFICATION STATEMENT:

I hereby certify that: I am experienced in the construction of impoundments; I am qualified and authorized in the State of Utah to inspect and certify the condition and appearance of impoundments in accordance with the certified and approved designs for this structure; that the impoundment has been maintained in accordance with approved designs and meets or exceeds the minimum design requirements under all applicable federal, state and local regulations; and that inspections and inspection reports are made by myself or under my direction and include any appearances of instability, structural weakness or other hazardous conditions of the structure affecting stability in accordance with the Utah R645 Coal Mining Rules.

By: S. Scott Carlson, PE, Twin Peaks, P.C.
P.E. Number & State: 187727 UTAH



Affix Signature, Stamp and Date

IMPOUNDMENT INSPECTION AND CERTIFIED REPORT

GENERAL INFORMATION **Coal Pile Sediment Pond**

Report Date	January 19, 2012
Permit Number	C/007/035
Mine Name	Sunnyside Refuse and Slurry
Company Name	Sunnyside Cogeneration Associates

IMPOUNDMENT IDENTIFICATION

Impoundment Name	Coal Pile Sediment Pond
Impoundment Number	014
UPDES Permit Number	UT024759
MSHA ID Number	N/A

IMPOUNDMENT INSPECTION

Inspection Date	December 22, 2011
Inspected by	Rusty Netz
Reason for Inspection	Fourth Quarter Inspection 2011

1. Describe any appearance of any instability, structural weakness, or any other hazardous condition.

None

a. Sediment storage capacity, including elevation of 60% and 100% sediment storage volumes, and estimated average elevation of existing sediment.

Total Pond Volume = 1.5 Acre-feet
Pond bottom elevation = 6473.0
100% Sediment Storage Volume = 0.5 acre-feet at Elevation 6476.0
60% sediment Storage Volume = 0.3 acre feet at Elevation = 6474.7
Existing Sediment Elevation = 6474 +/-

b. Principle and emergency spillway elevations.

Primary Dewatering Pipe = 6476.0
Secondary Dewatering Orifice = 6477.2
Primary Spillway Elevation = 6477.9
Emergency Spillway Elevation = 6479.0

2. Field Information

Provide current water elevation, whether pond is discharging, type and number of samples taken, monitoring/ instrumentation information, inlet/ outlet conditions, or other related activities associated with the pond including but not limited to sediment cleanout, pond decanting, embankment erosion/ repairs, monitoring information, vegetation on outslopes of embankments, etc.

Pond had some water in it. No samples were taken Pond did not require decanting.
Sediment level was good.
Embankment conditions were good. Vegetation on outslopes was adequate.
Inlet / Outlet conditions were good. No structural or hazardous conditions were observed.

IMPOUNDMENT INSPECTION AND CERTIFIED REPORT

Coal Pile Sediment Pond

3. Field Evaluation.

Describe any changes in the geometry of the impounding structure, average and maximum depths and elevation of impounded water, estimated sediment or slurry volume and remaining storage capacity, estimated volume of water impounded, and any other aspect of the impounding structure affecting its stability or function which has occurred during the reporting period

No recent changes in the geometry of the structure have been observed
Some water was impounded
Sediment level was good.
No other aspects of the impounding structure were observed that could affect its stability or functionality.

QUALIFICATION STATEMENT:

I hereby certify that; I am experienced in the construction of impoundments; I am qualified and authorized under the direction of a Registered Professional Engineer to inspect the condition and appearance of impoundments in accordance with the certified and approved designs for this structure; that the impoundment has been maintained in accordance with approved designs and meets or exceeds the minimum design requirements under all applicable federal, state and local regulations; and that inspections are made by myself and include any appearances of instability, structural weakness or other hazardous condition of the structure affecting stability.

Signature: Rusty Ney Date: 1/26/12

CERTIFIED REPORT
IMPOUNDMENT EVALUATION

If you answer NO to these questions, please explain under comments

1. Is impoundment designed and constructed in accordance with the approved plan? YES
2. Is impoundment free of instability, structural weakness, or any other hazardous conditions? YES
3. Has the impoundment met all applicable performance standards and effluent limitations from the previous date of inspection? YES

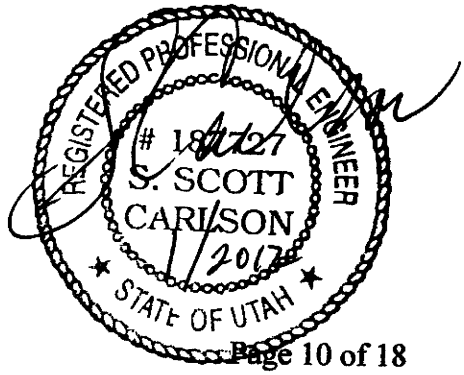
COMMENTS/ OTHER INFORMATION

None

CERTIFICATION STATEMENT:

I hereby certify that: I am experienced in the construction of impoundments; I am qualified and authorized in the State of Utah to inspect and certify the condition and appearance of impoundments in accordance with the certified and approved designs for this structure; that the impoundment has been maintained in accordance with approved designs and meets or exceeds the minimum design requirements under all applicable federal, state and local regulations; and that inspections and inspection reports are made by myself or under my direction and include any appearances of instability, structural weakness or other hazardous conditions of the structure affecting stability in accordance with the Utah R645 Coal Mining Rules.

By: S. Scott Carlson, PE, Twin Peaks, P.C.
P.E. Number & State: 187727 UTAH



Affix Signature, Stamp and Date

IMPOUNDMENT INSPECTION AND CERTIFIED REPORT

Borrow Area Sediment Pond

GENERAL INFORMATION

Report Date	January 19, 2012
Permit Number	C/007/035
Mine Name	Sunnyside Refuse and Slurry
Company Name	Sunnyside Cogeneration Associates

IMPOUNDMENT IDENTIFICATION

Impoundment Name	Borrow Area Sediment Pond
Impoundment Number	016
UPDES Permit Number	UT024759
MSHA ID Number	N/A

IMPOUNDMENT INSPECTION

Inspection Date	December 22, 2011
Inspected by	Rusty Netz
Reason for Inspection	Fourth Quarter Inspection 2011

1. Describe any appearance of any instability, structural weakness, or any other hazardous condition.

None

a. Sediment storage capacity, including elevation of 60% and 100% sediment storage volumes, and estimated average elevation of existing sediment.

Total Pond Volume = 8.3 Acre-feet
Pond bottom elevation = 6510.0
100% Sediment Storage Volume = 2.3 acre-feet at Elevation 6514.3
60% sediment Storage Volume = 1.4 acre feet at Elevation = 6513.3
Existing Sediment Elevation = 6511 +/-

b. Principle and emergency spillway elevations.

Primary Dewatering Pipe = 6514.3
Emergency Spillway Elevation = 6517.03

2. Field Information

Provide current water elevation, whether pond is discharging, type and number of samples taken, monitoring/ instrumentation information, inlet/ outlet conditions, or other related activities associated with the pond including but not limited to sediment cleanout, pond decanting, embankment erosion/ repairs, monitoring information, vegetation on outslopes of embankments, etc.

Pond had no water in it. No samples were taken
Sediment level was good. Pond did not require decanting.
Embankment conditions were good. Vegetation on outslopes was adequate.
Inlet / Outlet conditions were good. No structural or hazardous conditions were observed.

IMPOUNDMENT INSPECTION AND CERTIFIED REPORT

Borrow Area Sediment Pond

3. Field Evaluation.

Describe any changes in the geometry of the impounding structure, average and maximum depths and elevation of impounded water, estimated sediment or slurry volume and remaining storage capacity, estimated volume of water impounded, and any other aspect of the impounding structure affecting its stability or function which has occurred during the reporting period

No recent changes in the geometry of the structure have been observed
No water was impounded
Sediment level was good.
No other aspects of the impounding structure were observed that could affect its stability or functionality.

QUALIFICATION STATEMENT:

I hereby certify that; I am experienced in the construction of impoundments; I am qualified and authorized under the direction of a Registered Professional Engineer to inspect the condition and appearance of impoundments in accordance with the certified and approved designs for this structure; that the impoundment has been maintained in accordance with approved designs and meets or exceeds the minimum design requirements under all applicable federal, state and local regulations; and that inspections are made by myself and include any appearances of instability, structural weakness or other hazardous condition of the structure affecting stability.

Signature: Rusty Nety Date: 1/26/12

CERTIFIED REPORT
IMPOUNDMENT EVALUATION

If you answer NO to these questions, please explain under comments

1. Is impoundment designed and constructed in accordance with the approved plan? YES
2. Is impoundment free of instability, structural weakness, or any other hazardous conditions? YES
3. Has the impoundment met all applicable performance standards and effluent limitations from the previous date of inspection? YES

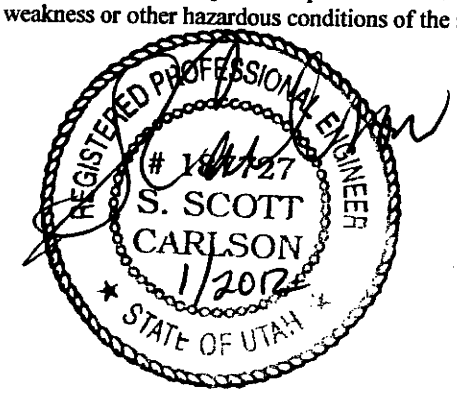
COMMENTS/ OTHER INFORMATION

None

CERTIFICATION STATEMENT:

I hereby certify that: I am experienced in the construction of impoundments; I am qualified and authorized in the State of Utah to inspect and certify the condition and appearance of impoundments in accordance with the certified and approved designs for this structure; that the impoundment has been maintained in accordance with approved designs and meets or exceeds the minimum design requirements under all applicable federal, state and local regulations; and that inspections and inspection reports are made by myself or under my direction and include any appearances of instability, structural weakness or other hazardous conditions of the structure affecting stability in accordance with the Utah R645 Coal Mining Rules.

By: S. Scott Carlson, PE, Twin Peaks, P.C.
P.E. Number & State: 187727 UTAH



Affix Signature, Stamp and Date

INSPECTION AND CERTIFIED REPORT ON EXCESS SPOIL PILE OR REFUSE PILE

GENERAL INFORMATION **Coarse Refuse Pile**

Report Date	January 19, 2012
Permit Number	C/007/035
Mine Name	Sunnyside Refuse and Slurry
Company Name	Sunnyside Cogeneration Associates

EXCESS SPOIL PILE OR REFUSE PILE IDENTIFICATION

Pile Name	Coarse Refuse Pile
Pile Number	N/A
MSHA ID Number	1211-UT-09-02093-01

Inspection Date	December 22, 2011
Inspected by	Rusty Netz
Reason for Inspection	Fourth Quarter Inspection 2011

Attachment to Report? (such as refuse sample analysis or photos) **NO**

Field Evaluation

1. Foundation preparation, including the removal of all organic material and topsoil.

N/A

2. Placement of underdrains and protective filter systems.

N/A

3. Installation of final surface drainage systems

N/A

4. Placement and compaction of fill materials

N/A - Activities occurring at this time are associated with removal of refuse material

5. Final grading and revegetation of fill.

N/A

6. Appearances of instability, structural weakness, and other hazardous conditions

No aspects of the Fill structure were observed that could affect its stability or functionality

INSPECTION AND CERTIFIED REPORT ON EXCESS SPOIL PILE OR REFUSE PILE

Coarse Refuse Pile

7. Other comments. Describe any changes in the geometry of the Excess Spoil/Refuse Pile structure, instrumentation, average and maximum lifts of materials placed in the pile, elevations of active benches, total and remaining storage capacity of the structure, evidence of fires in the pile and abatement of such fires, volumes of materials placed in the structure during the year, and any other aspect of the structure affecting its stability or function which has occurred during the reporting period

Refuse material is actively being excavated and removed from various locations across the top of the pile

QUALIFICATION STATEMENT:

I hereby certify that; I am experienced in the construction of earth and rock fills; I am qualified and authorized under the direction of a Registered Professional Engineer to inspect the condition and appearance of earth and rock fills in accordance with the certified and approved designs for this structure; that the fill structure has been maintained in accordance with approved design and meets or exceeds the minimum design requirements under all applicable federal, state and local regulations; and that inspections are made by myself and include any appearances of instability, structural weakness or other hazardous condition of the structure affecting stability.

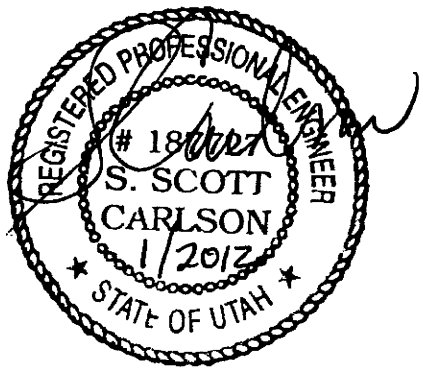
Signature: Rusty Nety Date: 1/26/12

CERTIFICATION STATEMENT

I hereby certify that: I am experienced in the construction of earth and rock fills; I am qualified and authorized in the State of Utah to inspect and certify the condition and appearance of earth and rock fills in accordance with the certified and approved designs for this structure; that the fill structure has been maintained in accordance with the approved design and meets or exceeds the minimum design requirements under all applicable federal, state, and local regulations; and, that inspections and inspection reports are made by myself or under my direction and include any appearances of instability, structural weakness or other hazardous conditions of the structure affecting stability.

By: S. Scott Carlson, PE, Twin Peaks, P.C.
P.E. Number & State: 187727 UTAH

Affix Signature, Stamp and Date



INSPECTION AND CERTIFIED REPORT ON EXCESS SPOIL PILE OR REFUSE PILE

GENERAL INFORMATION **Excess Spoil Disposal Area #1**

Report Date January 19, 2012
Permit Number C/007/035
Mine Name Sunnyside Refuse and Slurry
Company Name Sunnyside Cogeneration Associates

EXCESS SPOIL PILE OR REFUSE PILE IDENTIFICATION

Pile Name Excess Spoil Disposal Area #1
Pile Number N/A
MSHA ID Number 1211-UT-09-02093-04

Inspection Date December 22, 2011
Inspected by Rusty Netz
Reason for Inspection Fourth Quarter Inspection 2011

Attachment to Report? (such as refuse sample analysis or photos) **No**

Field Evaluation

1. Foundation preparation, including the removal of all organic material and topsoil.

N/A

2. Placement of underdrains and protective filter systems.

N/A

3. Installation of final surface drainage systems

N/A

4. Placement and compaction of fill materials

Approximately 27,265 tons of material were placed during the quarter.

5. Final grading and revegetation of fill.

N/A

6. Appearances of instability, structural weakness, and other hazardous conditions

No aspects of the Fill structure were observed that could affect its stability or functionality

INSPECTION AND CERTIFIED REPORT ON EXCESS SPOIL PILE OR REFUSE PILE

Excess Spoil Disposal Area #1

7. Other comments. Describe any changes in the geometry of the Excess Spoil/Refuse Pile structure, instrumentation, average and maximum lifts of materials placed in the pile, elevations of active benches, total and remaining storage capacity of the structure, evidence of fires in the pile and abatement of such fires, volumes of materials placed in the structure during the year, and any other aspect of the structure affecting its stability or function which has occurred during the reporting period

Construction of the fill has been proceeding in shallow lifts in general conformance with the approved plan.

QUALIFICATION STATEMENT:

I hereby certify that; I am experienced in the construction of earth and rock fills; I am qualified and authorized under the direction of a Registered Professional Engineer to inspect the condition and appearance of earth and rock fills in accordance with the certified and approved designs for this structure; that the fill structure has been maintained in accordance with approved design and meets or exceeds the minimum design requirements under all applicable federal, state and local regulations; and that inspections are made by myself and include any appearances of instability, structural weakness or other hazardous condition of the structure affecting stability.

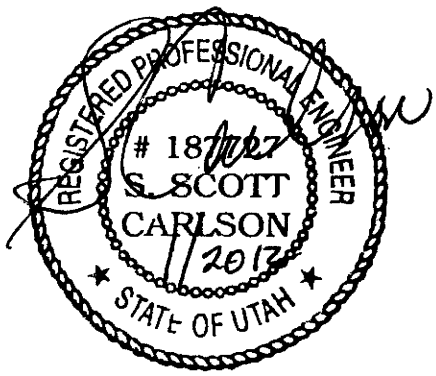
Signature: Rusty Roty Date: 1/26/12

CERTIFICATION STATEMENT

I hereby certify that: I am experienced in the construction of earth and rock fills; I am qualified and authorized in the State of Utah to inspect and certify the condition and appearance of earth and rock fills in accordance with the certified and approved designs for this structure; that the fill structure has been maintained in accordance with the approved design and meets or exceeds the minimum design requirements under all applicable federal, state, and local regulations; and, that inspections and inspection reports are made by myself or under my direction and include any appearances of instability, structural weakness or other hazardous conditions of the structure affecting stability.

By: S. Scott Carlson, PE, Twin Peaks, P.C.
P.E. Number & State: 187727 UTAH

Affix Signature, Stamp and Date



INSPECTION AND CERTIFIED REPORT ON EXCESS SPOIL PILE OR REFUSE PILE

GENERAL INFORMATION **Excess Spoil Disposal Area #2**

Report Date	January 19, 2012
Permit Number	C/007/035
Mine Name	Sunnyside Refuse and Slurry
Company Name	Sunnyside Cogeneration Associates

EXCESS SPOIL PILE OR REFUSE PILE IDENTIFICATION

Pile Name	Excess Spoil Disposal Area #2
Pile Number	N/A
MSHA ID Number	1211-UT-09-02093-05

Inspection Date	December 22, 2011
Inspected by	Rusty Netz
Reason for Inspection	Fourth Quarter Inspection 2011

Attachment to Report? (such as refuse sample analysis or photos) **YES**

Field Evaluation

1. Foundation preparation, including the removal of all organic material and topsoil.

   Existing disturbed site. No additional topsoil removal is required by the approved plan

2. Placement of underdrains and protective filter systems.

   No under-drains or filters are required by the approved plan

3. Installation of final surface drainage systems

   N/A

4. Placement and compaction of fill materials

   No new material was placed in this disposal area during the quarter.

5. Final grading and revegetation of fill.

   N/A

6. Appearances of instability, structural weakness, and other hazardous conditions

   No aspects of the Fill structure were observed that could affect its stability or functionality

INSPECTION AND CERTIFIED REPORT ON EXCESS SPOIL PILE OR REFUSE PILE

Excess Spoil Disposal Area #2

7. Other comments. Describe any changes in the geometry of the Excess Spoil/Refuse Pile structure, instrumentation, average and maximum lifts of materials placed in the pile, elevations of active benches, total and remaining storage capacity of the structure, evidence of fires in the pile and abatement of such fires, volumes of materials placed in the structure during the year, and any other aspect of the structure affecting its stability or function which has occurred during the reporting period

SCA has begun reclamation work on Phase 1 of this Disposal Area. Subsoil materials are being excavated from the proposed Phase 2 area to provide approximately 3 ft of cover over the spoil materials. Salvaged Topsoil and clean borrow material will provide the top (4^{th}) foot of cover.

SCA has submitted a permit amendment for expansion of this Disposal Area into Phase 2 and 3 areas. The Division response on this amendment is expected soon.

QUALIFICATION STATEMENT:

I hereby certify that; I am experienced in the construction of earth and rock fills; I am qualified and authorized under the direction of a Registered Professional Engineer to inspect the condition and appearance of earth and rock fills in accordance with the certified and approved designs for this structure; that the fill structure has been maintained in accordance with approved design and meets or exceeds the minimum design requirements under all applicable federal, state and local regulations; and that inspections are made by myself and include any appearances of instability, structural weakness or other hazardous condition of the structure affecting stability.

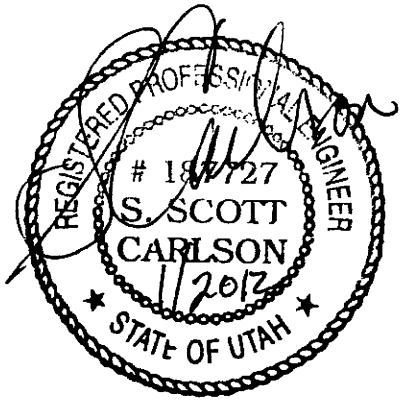
Signature: Rusty Nety Date: 1/26/12

CERTIFICATION STATEMENT

I hereby certify that: I am experienced in the construction of earth and rock fills; I am qualified and authorized in the State of Utah to inspect and certify the condition and appearance of earth and rock fills in accordance with the certified and approved designs for this structure; that the fill structure has been maintained in accordance with the approved design and meets or exceeds the minimum design requirements under all applicable federal, state, and local regulations; and, that inspections and inspection reports are made by myself or under my direction and include any appearances of instability, structural weakness or other hazardous conditions of the structure affecting stability.

By: S. Scott Carlson, PE, Twin Peaks, P.C.
P.E. Number & State: 187727 UTAH

Affix Signature, Stamp and Date



Reclamation work occuring on Excess Spoil Disposal Area #2 – Phase 1

Dec 2011

Reclamation work occuring on Excess Spoil Disposal Area #2 – Phase 1

Dec 2011

Reclamation work occuring on Excess Spoil Disposal Area #2 – Phase 1

Dec 2011

Subsoil removal (south east of reclamation area – at location of Excess Spoil Disposal Area #2 – Phase 2)

Dec 2011

APPENDIX A
CERTIFIED REPORTS

ANNUAL INSPECTION

IMPOUNDMENTS, REFUSE PILE AND DISPOSAL AREAS

Sunnyside Cogeneration Associates

P.O. Box 10, East Carbon, Utah 84520 • (435) 888-4476 • Fax (435) 888-2538

January 26, 2012

Daron Haddock
Division of Oil, Gas & Mining
1594 W. North Temple, Suite 1210
Salt Lake City, Utah 84116

RE: Annual 2011 Inspection Report
Sunnyside Refuse and Slurry C/007/035

Dear Mr. Haddock:

Please find enclosed a copy of the Annual 2011 Inspection Report for the Sunnyside refuse pile, impoundments, and excess spoil areas.

Should you have any questions, please contact Rusty Netz or myself at (435)888-4476.

Thank You,

Richard Carter
Agent For
Sunnyside Cogeneration Associates

c.c. Steve Gross
Maggie Estrada
Rusty Netz
Plant File

IMPOUNDMENT INSPECTION AND CERTIFIED REPORT

Railcut Sediment Pond

GENERAL INFORMATION

Report Date January 19, 2012
Permit Number C/007/035
Mine Name Sunnyside Refuse and Slurry
Company Name Sunnyside Cogeneration Associates

IMPOUNDMENT IDENTIFICATION

Impoundment Name RailCut Sediment Pond
Impoundment Number 007
UPDES Permit Number UT024759
MSHA ID Number N/A

IMPOUNDMENT INSPECTION

Inspection Date December 22, 2011
Inspected by Rusty Netz
Reason for Inspection Annual Inspection 2011

1. Describe any appearance of any instability, structural weakness, or any other hazardous condition.

None

a. Sediment storage capacity, including elevation of 60% and 100% sediment storage volumes, and estimated average elevation of existing sediment.

Total Pond Volume = 4.8 Acre-feet
Pond bottom elevation = 6206.0
100% Sediment Storage Volume = 0.34 acre-feet at Elevation 6209
60% sediment Storage Volume = 0.2 acre feet at Elevation = 6207.7
Existing Sediment Elevation = 6207.2 +/-

b. Principle and emergency spillway elevations.

Primary Dewatering Pipe = 6209.07
Emergency Spillway Elevation = 6212.34

2. Field Information

Provide current water elevation, whether pond is discharging, type and number of samples taken, monitoring/ instrumentation information, inlet/ outlet conditions, or other related activities associated with the pond including but not limited to sediment cleanout, pond decanting, embankment erosion/ repairs, monitoring information, vegetation on outslopes of embankments, etc.

Pond had very little water in it. No samples were taken Pond did not require decanting
Sediment levels were good
Embankment conditions were good. Vegetation on outslopes was adequate.
Inlet / Outlet conditions were good. No structural or hazardous conditions were observed.

IMPOUNDMENT INSPECTION AND CERTIFIED REPORT

Rail Cut Sediment Pond

3. Field Evaluation.

Describe any changes in the geometry of the impounding structure, average and maximum depths and elevation of impounded water, estimated sediment or slurry volume and remaining storage capacity, estimated volume of water impounded, and any other aspect of the impounding structure affecting its stability or function which has occurred during the reporting period

No recent changes in the geometry of the structure have been observed
Very little water was impounded
No other aspects of the impounding structure were observed that could affect its stability or functionality.

QUALIFICATION STATEMENT:

I hereby certify that; I am experienced in the construction of impoundments; I am qualified and authorized under the direction of a Registered Professional Engineer to inspect the condition and appearance of impoundments in accordance with the certified and approved designs for this structure; that the impoundment has been maintained in accordance with approved designs and meets or exceeds the minimum design requirements under all applicable federal, state and local regulations; and that inspections are made by myself and include any appearances of instability, structural weakness or other hazardous condition of the structure affecting stability.

Signature: Rusty Net Date: 1/26/12

CERTIFIED REPORT
IMPOUNDMENT EVALUATION

If you answer NO to these questions, please explain under comments

1. Is impoundment designed and constructed in accordance with the approved plan? YES
2. Is impoundment free of instability, structural weakness, or any other hazardous conditions? YES
3. Has the impoundment met all applicable performance standards and effluent limitations from the previous date of inspection? YES

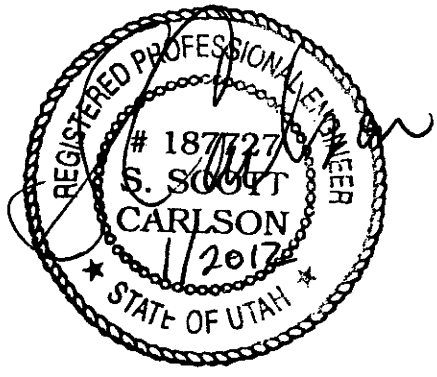
COMMENTS/ OTHER INFORMATION

None

CERTIFICATION STATEMENT:

I hereby certify that: I am experienced in the construction of impoundments; I am qualified and authorized in the State of Utah to inspect and certify the condition and appearance of impoundments in accordance with the certified and approved designs for this structure; that the impoundment has been maintained in accordance with approved designs and meets or exceeds the minimum design requirements under all applicable federal, state and local regulations; and that inspections and inspection reports are made by myself or under my direction and include any appearances of instability, structural weakness or other hazardous conditions of the structure affecting stability in accordance with the Utah R645 Coal Mining Rules.

By: S. Scott Carlson, PE, Twin Peaks, P.C.
P.E. Number & State: 187727 UTAH



Affix Signature, Stamp and Date

IMPOUNDMENT INSPECTION AND CERTIFIED REPORT

Old Coarse Refuse Road Sediment Pond

GENERAL INFORMATION

Report Date	January 19, 2012
Permit Number	C/007/035
Mine Name	Sunnyside Refuse and Slurry
Company Name	Sunnyside Cogeneration Associates

IMPOUNDMENT IDENTIFICATION

Impoundment Name	Old Coarse Refuse Road Sediment Pond
Impoundment Number	008
UPDES Permit Number	UT024759
MSHA ID Number	N/A

IMPOUNDMENT INSPECTION

Inspection Date	December 22, 2011
Inspected by	Rusty Netz
Reason for Inspection	Annual Inspection 2011

1. Describe any appearance of any instability, structural weakness, or any other hazardous condition.

None

a. Sediment storage capacity, including elevation of 60% and 100% sediment storage volumes, and estimated average elevation of existing sediment.

Total Pond Volume = 0.9 Acre-feet
Pond bottom elevation = 6394.0
100% Sediment Storage Volume = 0.08 acre-feet at Elevation 6395.1
60% sediment Storage Volume = 0.05 acre feet at Elevation = 6394.75
Existing Sediment Elevation = 6394.4 +/-

b. Principle and emergency spillway elevations.

Primary Dewatering Pipe = 6395.75
Emergency Spillway Elevation = 6399.4

2. Field Information

Provide current water elevation, whether pond is discharging, type and number of samples taken, monitoring/ instrumentation information, inlet/ outlet conditions, or other related activities associated with the pond including but not limited to sediment cleanout, pond decanting, embankment erosion/ repairs, monitoring information, vegetation on outslopes of embankments, etc.

Pond had some water in it. No samples were taken Pond did not require decanting.
Sediment level was good.
Embankment conditions were good. Vegetation on outslopes was adequate.
Inlet / Outlet conditions were good. No structural or hazardous conditions were observed.

IMPOUNDMENT INSPECTION AND CERTIFIED REPORT

Old Coarse Refuse Road Sediment Pond

3. Field Evaluation.

Describe any changes in the geometry of the impounding structure, average and maximum depths and elevation of impounded water, estimated sediment or slurry volume and remaining storage capacity, estimated volume of water impounded, and any other aspect of the impounding structure affecting its stability or function which has occurred during the reporting period

No recent changes in the geometry of the structure have been observed
Some water was impounded
Sediment level was good.
No other aspects of the impounding structure were observed that could affect its stability or functionality.

QUALIFICATION STATEMENT:

I hereby certify that; I am experienced in the construction of impoundments; I am qualified and authorized under the direction of a Registered Professional Engineer to inspect the condition and appearance of impoundments in accordance with the certified and approved designs for this structure; that the impoundment has been maintained in accordance with approved designs and meets or exceeds the minimum design requirements under all applicable federal, state and local regulations; and that inspections are made by myself and include any appearances of instability, structural weakness or other hazardous condition of the structure affecting stability.

Signature: Rusty Net Date: 1/26/12

CERTIFIED REPORT
IMPOUNDMENT EVALUATION

If you answer NO to these questions, please explain under comments

1. Is impoundment designed and constructed in accordance with the approved plan? YES
2. Is impoundment free of instability, structural weakness, or any other hazardous conditions? YES
3. Has the impoundment met all applicable performance standards and effluent limitations from the previous date of inspection? YES

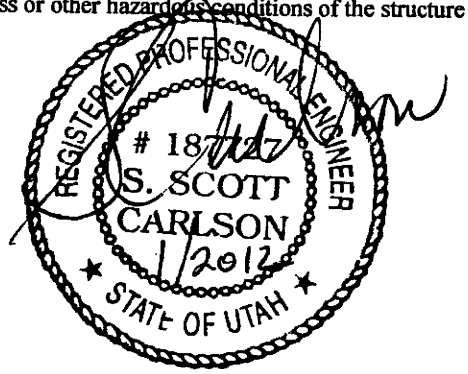
COMMENTS/ OTHER INFORMATION

None

CERTIFICATION STATEMENT:

I hereby certify that: I am experienced in the construction of impoundments; I am qualified and authorized in the State of Utah to inspect and certify the condition and appearance of impoundments in accordance with the certified and approved designs for this structure; that the impoundment has been maintained in accordance with approved designs and meets or exceeds the minimum design requirements under all applicable federal, state and local regulations; and that inspections and inspection reports are made by myself or under my direction and include any appearances of instability, structural weakness or other hazardous conditions of the structure affecting stability in accordance with the Utah R645 Coal Mining Rules.

By: S. Scott Carlson, PE, Twin Peaks, P.C.
P.E. Number & State: 187727 UTAH



Affix Signature, Stamp and Date

IMPOUNDMENT INSPECTION AND CERTIFIED REPORT

Pasture Sediment Pond

GENERAL INFORMATION

Report Date	January 19, 2012
Permit Number	C/007/035
Mine Name	Sunnyside Refuse and Slurry
Company Name	Sunnyside Cogeneration Associates

IMPOUNDMENT IDENTIFICATION

Impoundment Name	Pasture Sediment Pond
Impoundment Number	009
UPDES Permit Number	UT024759
MSHA ID Number	N/A

IMPOUNDMENT INSPECTION

Inspection Date	December 22, 2011
Inspected by	Rusty Netz
Reason for Inspection	Annual Inspection 2011

1. Describe any appearance of any instability, structural weakness, or any other hazardous condition.

None

a. Sediment storage capacity, including elevation of 60% and 100% sediment storage volumes, and estimated average elevation of existing sediment.

Total Pond Volume = 3.2 Acre-feet
Pond bottom elevation = 6484.5
100% Sediment Storage Volume = 0.42 acre-feet at Elevation 6486.2
60% sediment Storage Volume = 0.25 acre feet at Elevation = 6485.5
Existing Sediment Elevation = 6485.1 +/-

b. Principle and emergency spillway elevations.

Primary Dewatering Pipe = 6486.6
Emergency Spillway Elevation = 6490.6

2. Field Information

Provide current water elevation, whether pond is discharging, type and number of samples taken, monitoring/ instrumentation information, inlet/ outlet conditions, or other related activities associated with the pond including but not limited to sediment cleanout, pond decanting, embankment erosion/ repairs, monitoring information, vegetation on outslopes of embankments, etc.

Pond had some water in it. No samples were taken Pond did not require decanting.
Sediment level was good
Embankment conditions were good. Vegetation on outslopes was adequate.
Inlet / Outlet conditions were good. No structural or hazardous conditions were observed.

IMPOUNDMENT INSPECTION AND CERTIFIED REPORT

Pasture Sediment Pond

3. Field Evaluation.

Describe any changes in the geometry of the impounding structure, average and maximum depths and elevation of impounded water, estimated sediment or slurry volume and remaining storage capacity, estimated volume of water impounded, and any other aspect of the impounding structure affecting its stability or function which has occurred during the reporting period

No recent changes in the geometry of the structure were observed.
Some water was impounded
Sediment level was good.
No other aspects of the impounding structure were observed that could affect its stability or functionality.

QUALIFICATION STATEMENT:

I hereby certify that; I am experienced in the construction of impoundments; I am qualified and authorized under the direction of a Registered Professional Engineer to inspect the condition and appearance of impoundments in accordance with the certified and approved designs for this structure; that the impoundment has been maintained in accordance with approved designs and meets or exceeds the minimum design requirements under all applicable federal, state and local regulations; and that inspections are made by myself and include any appearances of instability, structural weakness or other hazardous condition of the structure affecting stability.

Signature: Rusty Roty Date: 1/26/12

CERTIFIED REPORT
IMPOUNDMENT EVALUATION

If you answer NO to these questions, please explain under comments

1. Is impoundment designed and constructed in accordance with the approved plan? YES
2. Is impoundment free of instability, structural weakness, or any other hazardous conditions? YES
3. Has the impoundment met all applicable performance standards and effluent limitations from the previous date of inspection? YES

COMMENTS/ OTHER INFORMATION

None

CERTIFICATION STATEMENT:

I hereby certify that: I am experienced in the construction of impoundments; I am qualified and authorized in the State of Utah to inspect and certify the condition and appearance of impoundments in accordance with the certified and approved designs for this structure; that the impoundment has been maintained in accordance with approved designs and meets or exceeds the minimum design requirements under all applicable federal, state and local regulations; and that inspections and inspection reports are made by myself or under my direction and include any appearances of instability, structural weakness or other hazardous conditions of the structure affecting stability in accordance with the Utah R645 Coal Mining Rules.

By: S. Scott Carlson, PE, Twin Peaks, P.C.
P.E. Number & State: 187727 UTAH

REGISTERED PROFESSIONAL ENGINEER # 187727 S. SCOTT CARLSON 1/2012 STATE OF UTAH

Affix Signature, Stamp and Date

IMPOUNDMENT INSPECTION AND CERTIFIED REPORT

Coarse Refuse Toe Sediment Pond

GENERAL INFORMATION

Report Date	January 19, 2012
Permit Number	C/007/035
Mine Name	Sunnyside Refuse and Slurry
Company Name	Sunnyside Cogeneration Associates

IMPOUNDMENT IDENTIFICATION

Impoundment Name	New Coarse Refuse Toe Sediment Pond
Impoundment Number	012
UPDES Permit Number	UT024759
MSHA ID Number	N/A

IMPOUNDMENT INSPECTION

Inspection Date	December 22, 2011
Inspected by	Rusty Netz
Reason for Inspection	Annual Inspection 2011

1. Describe any appearance of any instability, structural weakness, or any other hazardous condition.

None

a. Sediment storage capacity, including elevation of 60% and 100% sediment storage volumes, and estimated average elevation of existing sediment.

Total Pond Volume = 1.6 Acre-feet
Pond bottom elevation = 6176.0
100% Sediment Storage Volume = 0.07 acre-feet at Elevation 6177.8
60% sediment Storage Volume = 0.03 acre feet at Elevation = 6177.0
Existing Sediment Elevation = 6176.6 +/-

b. Principle and emergency spillway elevations.

Primary Dewatering Pipe = 6178.2
Emergency Spillway Elevation = 6183.63

2. Field Information

Provide current water elevation, whether pond is discharging, type and number of samples taken, monitoring/ instrumentation information, inlet/ outlet conditions, or other related activities associated with the pond including but not limited to sediment cleanout, pond decanting, embankment erosion/ repairs, monitoring information, vegetation on outslopes of embankments, etc.

Pond had some water in it. No samples were taken Pond did not require decanting
Sediment level was good
Embankment conditions were good. Vegetation on outslopes was adequate.
Inlet / Outlet conditions were good. No structural or hazardous conditions were observed.

IMPOUNDMENT INSPECTION AND CERTIFIED REPORT

Coarse Refuse Toe Sediment Pond

3. Field Evaluation.

Describe any changes in the geometry of the impounding structure, average and maximum depths and elevation of impounded water, estimated sediment or slurry volume and remaining storage capacity, estimated volume of water impounded, and any other aspect of the impounding structure affecting its stability or function which has occurred during the reporting period

No recent changes in the geometry of the structure have been observed
Some water was impounded
Sediment level was good.
No other aspects of the impounding structure were observed that could affect its stability or functionality.

QUALIFICATION STATEMENT:

I hereby certify that; I am experienced in the construction of impoundments; I am qualified and authorized under the direction of a Registered Professional Engineer to inspect the condition and appearance of impoundments in accordance with the certified and approved designs for this structure; that the impoundment has been maintained in accordance with approved designs and meets or exceeds the minimum design requirements under all applicable federal, state and local regulations; and that inspections are made by myself and include any appearances of instability, structural weakness or other hazardous condition of the structure affecting stability.

Signature: Rusty Net Date: 1/26/12

CERTIFIED REPORT
IMPOUNDMENT EVALUATION

If you answer NO to these questions, please explain under comments

1. Is impoundment designed and constructed in accordance with the approved plan? YES
2. Is impoundment free of instability, structural weakness, or any other hazardous conditions? YES
3. Has the impoundment met all applicable performance standards and effluent limitations from the previous date of inspection? YES

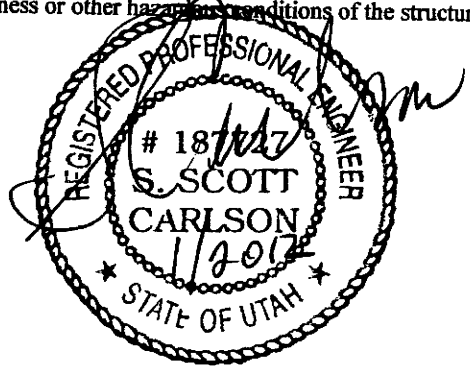
COMMENTS/ OTHER INFORMATION

None

CERTIFICATION STATEMENT:

I hereby certify that: I am experienced in the construction of impoundments; I am qualified and authorized in the State of Utah to inspect and certify the condition and appearance of impoundments in accordance with the certified and approved designs for this structure; that the impoundment has been maintained in accordance with approved designs and meets or exceeds the minimum design requirements under all applicable federal, state and local regulations; and that inspections and inspection reports are made by myself or under my direction and include any appearances of instability, structural weakness or other hazardous conditions of the structure affecting stability in accordance with the Utah R645 Coal Mining Rules.

By: S. Scott Carlson, PE, Twin Peaks, P.C.
P.E. Number & State: 187727 UTAH



Affix Signature, Stamp and Date

IMPOUNDMENT INSPECTION AND CERTIFIED REPORT

GENERAL INFORMATION **Coal Pile Sediment Pond**

Report Date	January 19, 2012
Permit Number	C/007/035
Mine Name	Sunnyside Refuse and Slurry
Company Name	Sunnyside Cogeneration Associates

IMPOUNDMENT IDENTIFICATION

Impoundment Name	Coal Pile Sediment Pond
Impoundment Number	014
UPDES Permit Number	UT024759
MSHA ID Number	N/A

IMPOUNDMENT INSPECTION

Inspection Date	December 22, 2011
Inspected by	Rusty Netz
Reason for Inspection	Annual Inspection 2011

1. Describe any appearance of any instability, structural weakness, or any other hazardous condition.

None

a. Sediment storage capacity, including elevation of 60% and 100% sediment storage volumes, and estimated average elevation of existing sediment.

Total Pond Volume = 1.5 Acre-feet
Pond bottom elevation = 6473.0
100% Sediment Storage Volume = 0.5 acre-feet at Elevation 6476.0
60% sediment Storage Volume = 0.3 acre feet at Elevation = 6474.7
Existing Sediment Elevation = 6474 +/-

b. Principle and emergency spillway elevations.

Primary Dewatering Pipe = 6476.0
Secondary Dewatering Orifice = 6477.2
Primary Spillway Elevation = 6477.9
Emergency Spillway Elevation = 6479.0

2. Field Information

Provide current water elevation, whether pond is discharging, type and number of samples taken, monitoring/ instrumentation information, inlet/ outlet conditions, or other related activities associated with the pond including but not limited to sediment cleanout, pond decanting, embankment erosion/ repairs, monitoring information, vegetation on outslopes of embankments, etc.

Pond had some water in it. No samples were taken Pond did not require decanting.
Sediment level was good.
Embankment conditions were good. Vegetation on outslopes was adequate.
Inlet / Outlet conditions were good. No structural or hazardous conditions were observed.

IMPOUNDMENT INSPECTION AND CERTIFIED REPORT

Coal Pile Sediment Pond

3. Field Evaluation.

Describe any changes in the geometry of the impounding structure, average and maximum depths and elevation of impounded water, estimated sediment or slurry volume and remaining storage capacity, estimated volume of water impounded, and any other aspect of the impounding structure affecting its stability or function which has occurred during the reporting period

No recent changes in the geometry of the structure have been observed
Some water was impounded
Sediment level was good.
No other aspects of the impounding structure were observed that could affect its stability or functionality.

QUALIFICATION STATEMENT:

I hereby certify that; I am experienced in the construction of impoundments; I am qualified and authorized under the direction of a Registered Professional Engineer to inspect the condition and appearance of impoundments in accordance with the certified and approved designs for this structure; that the impoundment has been maintained in accordance with approved designs and meets or exceeds the minimum design requirements under all applicable federal, state and local regulations; and that inspections are made by myself and include any appearances of instability, structural weakness or other hazardous condition of the structure affecting stability.

Signature: Rusty Nay Date: 1/26/12

CERTIFIED REPORT
IMPOUNDMENT EVALUATION

If you answer NO to these questions, please explain under comments

1. Is impoundment designed and constructed in accordance with the approved plan? YES
2. Is impoundment free of instability, structural weakness, or any other hazardous conditions? YES
3. Has the impoundment met all applicable performance standards and effluent limitations from the previous date of inspection? YES

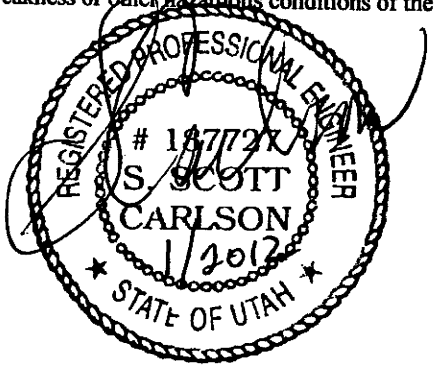
COMMENTS/ OTHER INFORMATION

None

CERTIFICATION STATEMENT:

I hereby certify that: I am experienced in the construction of impoundments; I am qualified and authorized in the State of Utah to inspect and certify the condition and appearance of impoundments in accordance with the certified and approved designs for this structure; that the impoundment has been maintained in accordance with approved designs and meets or exceeds the minimum design requirements under all applicable federal, state and local regulations; and that inspections and inspection reports are made by myself or under my direction and include any appearances of instability, structural weakness or other hazardous conditions of the structure affecting stability in accordance with the Utah R645 Coal Mining Rules.

By: S. Scott Carlson, PE, Twin Peaks, P.C.
P.E. Number & State: 187727 UTAH



Affix Signature, Stamp and Date

IMPOUNDMENT INSPECTION AND CERTIFIED REPORT

Borrow Area Sediment Pond

GENERAL INFORMATION

Report Date	January 19, 2012
Permit Number	C/007/035
Mine Name	Sunnyside Refuse and Slurry
Company Name	Sunnyside Cogeneration Associates

IMPOUNDMENT IDENTIFICATION

Impoundment Name	Borrow Area Sediment Pond
Impoundment Number	016
UPDES Permit Number	UT024759
MSHA ID Number	N/A

IMPOUNDMENT INSPECTION

Inspection Date	December 22, 2011
Inspected by	Rusty Netz
Reason for Inspection	Annual Inspection 2011

1. Describe any appearance of any instability, structural weakness, or any other hazardous condition.

None

a. Sediment storage capacity, including elevation of 60% and 100% sediment storage volumes, and estimated average elevation of existing sediment.

Total Pond Volume = 8.3 Acre-feet
Pond bottom elevation = 6510.0
100% Sediment Storage Volume = 2.3 acre-feet at Elevation 6514.3
60% sediment Storage Volume = 1.4 acre feet at Elevation = 6513.3
Existing Sediment Elevation = 6511 +/-

b. Principle and emergency spillway elevations.

Primary Dewatering Pipe = 6514.3
Emergency Spillway Elevation = 6517.03

2. Field Information

Provide current water elevation, whether pond is discharging, type and number of samples taken, monitoring/ instrumentation information, inlet/ outlet conditions, or other related activities associated with the pond including but not limited to sediment cleanout, pond decanting, embankment erosion/ repairs, monitoring information, vegetation on outslopes of embankments, etc.

Pond had no water in it. No samples were taken
Sediment level was good. Pond did not require decanting.
Embankment conditions were good. Vegetation on outslopes was adequate.
Inlet / Outlet conditions were good. No structural or hazardous conditions were observed.

IMPOUNDMENT INSPECTION AND CERTIFIED REPORT

Borrow Area Sediment Pond

3. Field Evaluation.

Describe any changes in the geometry of the impounding structure, average and maximum depths and elevation of impounded water, estimated sediment or slurry volume and remaining storage capacity, estimated volume of water impounded, and any other aspect of the impounding structure affecting its stability or function which has occurred during the reporting period

No recent changes in the geometry of the structure have been observed
No water was impounded
Sediment level was good.
No other aspects of the impounding structure were observed that could affect its stability or functionality.

QUALIFICATION STATEMENT:

I hereby certify that; I am experienced in the construction of impoundments; I am qualified and authorized under the direction of a Registered Professional Engineer to inspect the condition and appearance of impoundments in accordance with the certified and approved designs for this structure; that the impoundment has been maintained in accordance with approved designs and meets or exceeds the minimum design requirements under all applicable federal, state and local regulations; and that inspections are made by myself and include any appearances of instability, structural weakness or other hazardous condition of the structure affecting stability.

Signature: Rusty Netz Date: 1/26/12

CERTIFIED REPORT
IMPOUNDMENT EVALUATION

If you answer NO to these questions, please explain under comments

1. Is impoundment designed and constructed in accordance with the approved plan? YES
2. Is impoundment free of instability, structural weakness, or any other hazardous conditions? YES
3. Has the impoundment met all applicable performance standards and effluent limitations from the previous date of inspection? YES

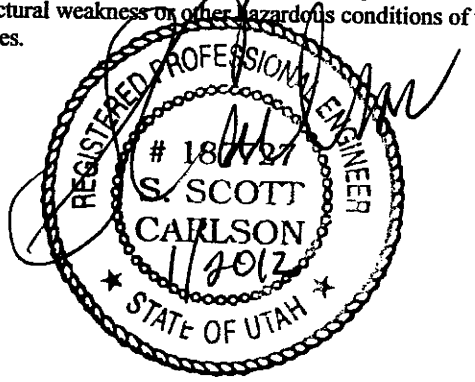
COMMENTS/ OTHER INFORMATION

None

CERTIFICATION STATEMENT:

I hereby certify that: I am experienced in the construction of impoundments; I am qualified and authorized in the State of Utah to inspect and certify the condition and appearance of impoundments in accordance with the certified and approved designs for this structure; that the impoundment has been maintained in accordance with approved designs and meets or exceeds the minimum design requirements under all applicable federal, state and local regulations; and that inspections and inspection reports are made by myself or under my direction and include any appearances of instability, structural weakness or other hazardous conditions of the structure affecting stability in accordance with the Utah R645 Coal Mining Rules.

By: S. Scott Carlson, PE, Twin Peaks, P.C.
P.E. Number & State: 187727 UTAH



Affix Signature, Stamp and Date

INSPECTION AND CERTIFIED REPORT ON EXCESS SPOIL PILE OR REFUSE PILE

GENERAL INFORMATION **Coarse Refuse Pile**

Report Date	January 19, 2012
Permit Number	C/007/035
Mine Name	Sunnyside Refuse and Slurry
Company Name	Sunnyside Cogeneration Associates

EXCESS SPOIL PILE OR REFUSE PILE IDENTIFICATION

Pile Name	Coarse Refuse Pile
Pile Number	N/A
MSHA ID Number	1211-UT-09-02093-01

Inspection Date	December 22, 2011
Inspected by	Rusty Netz
Reason for Inspection	Annual Inspection 2011

Attachment to Report? (such as refuse sample analysis or photos) **YES**

Field Evaluation

1. Foundation preparation, including the removal of all organic material and topsoil.

N/A

2. Placement of underdrains and protective filter systems.

N/A

3. Installation of final surface drainage systems

N/A

4. Placement and compaction of fill materials

N/A - Activities occurring at this time are associated with removal of refuse material

5. Final grading and revegetation of fill.

N/A

6. Appearances of instability, structural weakness, and other hazardous conditions

No aspects of the Fill structure were observed that could affect its stability or functionality

INSPECTION AND CERTIFIED REPORT ON EXCESS SPOIL PILE OR REFUSE PILE

Coarse Refuse Pile

7. Other comments. Describe any changes in the geometry of the Excess Spoil/Refuse Pile structure, instrumentation, average and maximum lifts of materials placed in the pile, elevations of active benches, total and remaining storage capacity of the structure, evidence of fires in the pile and abatement of such fires, volumes of materials placed in the structure during the year, and any other aspect of the structure affecting its stability or function which has occurred during the reporting period

Refuse material is actively being excavated and removed from various locations across the top of the pile

See attached Photo

QUALIFICATION STATEMENT:

I hereby certify that; I am experienced in the construction of earth and rock fills; I am qualified and authorized under the direction of a Registered Professional Engineer to inspect the condition and appearance of earth and rock fills in accordance with the certified and approved designs for this structure; that the fill structure has been maintained in accordance with approved design and meets or exceeds the minimum design requirements under all applicable federal, state and local regulations; and that inspections are made by myself and include any appearances of instability, structural weakness or other hazardous condition of the structure affecting stability.

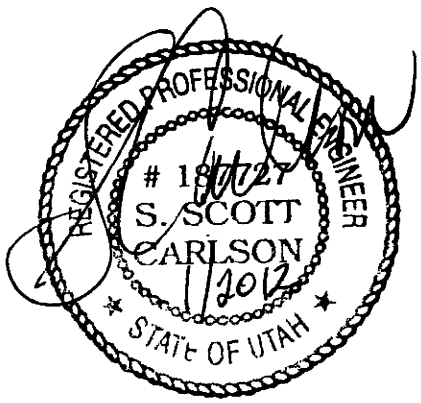
Signature: Rusty Nety Date: 1/26/12

CERTIFICATION STATEMENT

I hereby certify that: I am experienced in the construction of earth and rock fills; I am qualified and authorized in the State of Utah to inspect and certify the condition and appearance of earth and rock fills in accordance with the certified and approved designs for this structure; that the fill structure has been maintained in accordance with the approved design and meets or exceeds the minimum design requirements under all applicable federal, state, and local regulations; and, that inspections and inspection reports are made by myself or under my direction and include any appearances of instability, structural weakness or other hazardous conditions of the structure affecting stability.

By: S. Scott Carlson, PE, Twin Peaks, P.C.
P.E. Number & State: 187727 UTAH

Affix Signature, Stamp and Date



INSPECTION AND CERTIFIED REPORT ON EXCESS SPOIL PILE OR REFUSE PILE

GENERAL INFORMATION **Excess Spoil Disposal Area #1**

Report Date	January 19, 2012
Permit Number	C/007/035
Mine Name	Sunnyside Refuse and Slurry
Company Name	Sunnyside Cogeneration Associates

EXCESS SPOIL PILE OR REFUSE PILE IDENTIFICATION

Pile Name	Excess Spoil Disposal Area #1
Pile Number	N/A
MSHA ID Number	1211-UT-09-02093-04

Inspection Date	December 22, 2011
Inspected by	Rusty Netz
Reason for Inspection	Annual Inspection 2011

Attachment to Report? (such as refuse sample analysis or photos) **YES**

Field Evaluation

1. Foundation preparation, including the removal of all organic material and topsoil.

N/A

2. Placement of underdrains and protective filter systems.

N/A

3. Installation of final surface drainage systems

N/A

4. Placement and compaction of fill materials

Approximately 99,305 tons of material were placed during the year. (20,310+25,060+26,670+27,265)

5. Final grading and revegetation of fill.

N/A

6. Appearances of instability, structural weakness, and other hazardous conditions

No aspects of the Fill structure were observed that could affect its stability or functionality

INSPECTION AND CERTIFIED REPORT ON EXCESS SPOIL PILE OR REFUSE PILE

Excess Spoil Disposal Area #1

7. Other comments. Describe any changes in the geometry of the Excess Spoil/Refuse Pile structure, instrumentation, average and maximum lifts of materials placed in the pile, elevations of active benches, total and remaining storage capacity of the structure, evidence of fires in the pile and abatement of such fires, volumes of materials placed in the structure during the year, and any other aspect of the structure affecting its stability or function which has occurred during the reporting period

Construction of the fill has been proceeding in shallow lifts in general conformance with the approved plan.

See attached Photo

QUALIFICATION STATEMENT:

I hereby certify that; I am experienced in the construction of earth and rock fills; I am qualified and authorized under the direction of a Registered Professional Engineer to inspect the condition and appearance of earth and rock fills in accordance with the certified and approved designs for this structure; that the fill structure has been maintained in accordance with approved design and meets or exceeds the minimum design requirements under all applicable federal, state and local regulations; and that inspections are made by myself and include any appearances of instability, structural weakness or other hazardous condition of the structure affecting stability.

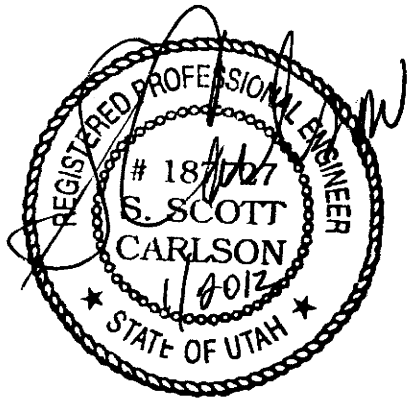
Signature: Rusty Nay Date: 1/26/12

CERTIFICATION STATEMENT

I hereby certify that: I am experienced in the construction of earth and rock fills; I am qualified and authorized in the State of Utah to inspect and certify the condition and appearance of earth and rock fills in accordance with the certified and approved designs for this structure; that the fill structure has been maintained in accordance with the approved design and meets or exceeds the minimum design requirements under all applicable federal, state, and local regulations; and, that inspections and inspection reports are made by myself or under my direction and include any appearances of instability, structural weakness or other hazardous conditions of the structure affecting stability.

By: S. Scott Carlson, PE, Twin Peaks, P.C.
P.E. Number & State: 187727 UTAH

Affix Signature, Stamp and Date



AMERICAN WEST ANALYTICAL LABORATORIES

463 West 3600 South
Salt Lake City, Utah
84115

(801) 263-8686
Toll Free (888) 263-8686
Fax (801) 263-8687
e-mail: awal@awal-labs.com

Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer

Rusty Netz
Sunnyside Cogeneration
PO Box 159
Sunnyside, UT 84539
TEL: (435) 888-4476

RE: DOGM Spoils #1

Dear Rusty Netz:

Lab Set ID: 1101259

American West Analytical Laboratories received 1 sample(s) on 1/19/2011 for the analyses presented in the following report.

All analyses were performed in accordance to The NELAC Institute protocols unless noted otherwise. American West Analytical Laboratories is certified by The NELAC Institute in Utah and Texas; and is state certified in Colorado and Idaho. Certification document is available upon request. If you have any questions or concerns regarding this report please feel free to call.

The abbreviation "Surr" found in organic reports indicates a surrogate compound that is intentionally added by the laboratory to determine sample injection, extraction, and/or purging efficiency. The "Reporting Limit" found on the report is equivalent to the practical quantitaion limit (PQL). This is the minimum concentration that can be reported by the method referenced and the sample matrix. The reporting limit must not be confused with any regulatory limit. Analytical results are reported to three significant figures for quality control and calculation purposes.

Thank You,

Approved by: _____
Laboratory Director or designee

INORGANIC ANALYTICAL REPORT

AMERICAN WEST ANALYTICAL LABORATORIES

463 West 3600 South
Salt Lake City, Utah
84115

(801) 263-8686
Toll Free (888) 263-8686
Fax (801) 263-8687
e-mail: awal@awal-labs.com

Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer

Client: Sunnyside Cogeneration **Contact:** Rusty Netz
Project: DOGM Spoils #1
Lab Sample ID: 1101259-001
Client Sample ID: Spoils Pile #1 / Composite Sample
Collection Date: 11/10/2010 1300h
Received Date: 1/19/2011 1120h

TOTAL METALS

Analytical Results	Units	Date Prepared	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Boron	mg/kg-dry	1/20/2011 1233h	1/20/2011 1820h	SW6010C	51.7	< 51.7	
Calcium	mg/kg-dry	1/20/2011 1233h	1/20/2011 1820h	SW6010C	103	**4,440**	
Magnesium	mg/kg-dry	1/20/2011 1233h	1/20/2011 1820h	SW6010C	103	**1,280**	
Selenium	mg/kg-dry	1/20/2011 1233h	1/21/2011 0032h	SW6020A	0.878	**3.84**	
Sodium	mg/kg-dry	1/20/2011 1233h	1/20/2011 1820h	SW6010C	103	**194**	

INORGANIC ANALYTICAL REPORT

Client: Sunnyside Cogeneration **Contact:** Rusty Netz
Project: DOGM Spoils #1
Lab Sample ID: 1101259-001
Client Sample ID: Spoils Pile #1 / Composite Sample
Collection Date: 11/10/2010 1300h
Received Date: 1/19/2011 1120h

Analytical Results	Units	Date Prepared	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Conductivity	µmhos/cm		1/20/2011	SW9050A	10.0	**517**	H&
Nitrate (as N)	mg/kg-dry		1/19/2011 1435h	E353.2	0.103	< 0.103	H*
pH @ 25° C	pH Units		1/19/2011 1930h	SW9045D	1.00	**8.60**	H
Sodium Adsorption Ratio			1/19/2011	Calc.	0.0100	**1.00**	
Total Nitrogen (as N)	mg/kg-dry		1/31/2011	Calc.	0.500	**421**	H

H - Sample was received outside of the holding time.
& - Analysis is performed on a 1:1 DI water extract for soils.
** - The reporting limits were raised due to sample matrix interferences.*

AMERICAN WEST ANALYTICAL LABORATORIES

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Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer

American West Analytical Laboratories

WORK ORDER Summary

Work Order: 1101259

Page 1 of 1

1/19/2011

Client: Sunnyside Cogeneration

Client ID: SUN100

Contact: Rusty Netz

Project: DOGM Spoils #1

QC Level: LEVEL I

WO Type: Standard

Comments: Footnote report, most parameters received outside of hold. Sample for TOC, Sulfur, ABA,ANP,AGP & particle size sent to ACZ Labs.;

HOLD HOLD

Sample ID	Client Sample ID	Collected Date	Received Date	Date Due	Matrix	Test Code	Sel	Storage	
1101259-001A	Spoils Pile #1 / Composite Sample	11/10/2010 1:00:00 PM	1/19/2011 11:20:00 AM	2/2/2011	Solid	COND-S-9050A	☐	df / wc	1
				2/2/2011		NO2/NO3-S-353.2	☑	df / wc	
				2/2/2011		NO3-S-353.2	☐	df / wc	
				2/2/2011		PH-9045D	☐	df / wc	
				2/2/2011		PMOIST	☐	df / wc	
				2/2/2011		SAR-S	☐	df / wc	
				2/2/2011		SOIL-PR	☐	df / wc	
				2/2/2011		TKN-S-351.2	☑	df / wc	
				2/2/2011		TKN-S-PR	☐	df / wc	
				2/2/2011		TOTAL-NITROGEN	☐	df / wc	
1101259-001B				2/2/2011		3051A-ICPMS-PR	☐	df / metals	
	SEL Analytes: B CA MG NA			2/2/2011		6010C-S	☑	df / metals	
	SEL Analytes: SE			2/2/2011		6020-S	☑	df / metals	
1101259-001C				2/2/2011		OUTSIDE LAB	☐	ACZ Labs.	4

American West Analytical Laboratories

Chain of Custody

Lab Sample Set # 1141259

Page 1 of 1

Client: **Sunnyside Cogen**
Address: **#1 Power Plant road**
Sunnyside Utah, 84539
Project Name: **DOGM Spoils #1**
PO#:

Contact: **Rusty Netz**
Phone: **435-888-4476**
Fax :
Email:

QC Level:
Turn Around Time

	Sample ID:	Date Sampled	Time	# of Containers	Sample Matrix	pH, SAR, Conductivity	Total Nitrogen	Metals: B, Ca, Mg, Na, Se	Nitrate		ABA, ANP, AGP Calculations	TOC	Partical Size	Total Sulfur	Neutralization Potential					Comments
1	**Spoils pile #1**	11/10/2010	13:00	1		x	x	x	x		x	x	x	x	x					See Attachment
2	**composite sample**																			also
3																				
4																				
5																				
6																				
7																				
8																				
9																				
10																				
11																				
12																				
13																				
14																				
15																				

Special Instructions:

Relinquished by: Signature Print Name: Rusty Netz	Date: 1/17/2011 Time: 1600	Received by: Signature Print Name	Date: Time:
Relinquished by: Signature Print Name	Date: Time:	Received by: Signature Print Name: Elena Hayward	Date: 1/19/11 Time: 1120

SOILS 0905023 20.6

involved in the extinguishing operations. No burning or unburned coal mine waste will be removed from a permitted disposal area without a removal plan approved by the Division. Consideration will be given to potential hazards to persons working or living in the vicinity of the structure.

ACID- and/or TOXIC-FORMING POTENTIAL OF WASTE

Previous tests of the material at the SCA facilities have indicated that the acid- and/or toxic-forming potential of the waste is not a significant problem. However, in order to be conservative, analysis to determine the acid- and/or toxic-forming and alkalinity producing potential of the waste material disposed in the Excess Spoil Disposal Area will be performed for the constituents listed below. The objective of this sampling program is to identify areas within the fill that may adversely impact the surface water, groundwater, plant growth, or the post-mining land use. One grab sample per acre will be taken from each four-foot lift immediately following the completion of the lift and throughout construction of the pile. Results of the sampling shall be submitted to the Division with the Quarterly Engineering Inspection Reports.

Excess spoil that is acid- or toxic-forming or combustible materials placed in the disposal area will be adequately covered with four-feet of non-acid, non-toxic and non-combustible material, or otherwise treated, to control the impact on surface and groundwater, to prevent sustained combustion, and to minimize adverse effects on plant growth and the approved post-mining land use. Excess spoil that is not acid- or toxic-forming or combustible may be used to provide some, or all, of this adequate cover.

Coal mine waste materials, of which geologic properties are uncertain or which have sub-standard geologic characteristics, will be scattered within the interior of the pile at least ten feet from the outer slopes. Waste materials from areas outside of the SCA permit site, but which are comparable to the materials considered in the design of the fill, may be placed in the fill by SCA in accordance with the standards of this section but without additional restriction.

ANALYSIS PARAMETERS

* pH
* Particle Size Analysis (% sand, silt, clay)
* Soluble Ca, Mg, and Na
* Selenium
* Nitrate-N
* Maximum Acid Potential Neutralization Potential
* Organic Carbon
* Electrical Conductivity
* Sodium Adsorption Ration
* Total N
* Boron
* Sulfur-total

Test For these

Acid Base Accounting sent to ACZ Tim VanWeinga...

INCORPORATED

APR 26 2007

Div. of Oil, Gas & Mining

ACZ Laboratories, Inc.
2773 Downhill Drive Steamboat Springs, CO 80487 (800) 334-5493

Analytical Report

February 09, 2011

Report to:
Elona Hayward
American West Analytical Labs
463 West 3600 South
Salt Lake City, UT 84115

Bill to:
Lynn Turner
American West Analytical Labs
463 West 3600 South
Salt Lake City, UT 84115

cc: Samantha

Project ID: 1101259
ACZ Project ID: L86280

Elona Hayward:

Enclosed are the analytical results for sample(s) submitted to ACZ Laboratories, Inc. (ACZ) on January 20, 2011. This project has been assigned to ACZ's project number, L86280. Please reference this number in all future inquiries.

All analyses were performed according to ACZ's Quality Assurance Plan. The enclosed results relate only to the samples received under L86280. Each section of this report has been reviewed and approved by the appropriate Laboratory Supervisor, or a qualified substitute.

Except as noted, the test results for the methods and parameters listed on ACZ's current NELAC certificate letter (#ACZ) meet all requirements of NELAC.

This report shall be used or copied only in its entirety. ACZ is not responsible for the consequences arising from the use of a partial report.

All samples and sub-samples associated with this project will be disposed of after March 09, 2011. If the samples are determined to be hazardous, additional charges apply for disposal (typically less than $10/sample). If you would like the samples to be held longer than ACZ's stated policy or to be returned, please contact your Project Manager or Customer Service Representative for further details and associated costs. ACZ retains analytical reports for five years.

If you have any questions or other needs, please contact your Project Manager.

Tony Antalek has reviewed and approved this report.

ACZ Laboratories, Inc.
2773 Downhill Drive Steamboat Springs, CO 80487 (800) 334-5493

Case Narrative

American West Analytical Labs

February 09, 2011

Project ID: 1101259
ACZ Project ID: L86280

Sample Receipt

ACZ Laboratories, Inc. (ACZ) received 1 soil sample from American West Analytical Labs on January 20, 2011. The sample was received in good condition. Upon receipt, the sample custodian removed the sample from the cooler, inspected the contents, and logged the sample into ACZ's computerized Laboratory Information Management System (LIMS). The sample was assigned ACZ LIMS project number L86280. The custodian verified the sample information entered into the computer against the chain of custody (COC) forms and sample bottle labels.

Holding Times

All analyses were performed within EPA recommended holding times.

Sample Analysis

This sample was analyzed for inorganic parameters. The individual methods are referenced on both the ACZ invoice and the analytical reports. The extended qualifier reports may contain footnotes qualifying specific elements due to QC failures. In addition the following has been noted with this specific project:

1. The Acid / Base Accounting procedure was qualified with the ACZ 'N1' flag in order to note that a modified Neutralization Potential procedure (No heat) and Total Sulfur were utilized for calculations.

ACZ Laboratories, Inc.
2773 Downhill Drive Steamboat Springs, CO 80487 (800) 334-5493

Inorganic Analytical Results

American West Analytical Labs
Project ID: 1101259
Sample ID: SPOILS PILE #1/COMPO

ACZ Sample ID: ***L86280-01***
Date Sampled: *11/10/10 13:00*
Date Received: *01/20/11*
Sample Matrix: *Soil*

Soil Analysis

Parameter	EPA Method	Result	Qual	XQ	Units	MDL	PQL	Date	Analyst
Acid Generation Potential (calc)	M600/2-78-054 1.3	10.6		*	t CaCO3/Kt	0.1	0.5	02/07/11 10:00	brd
Acid Neutralization Potential (calc)	M600/2-78-054 1.3	114		*	t CaCO3/Kt	0.1	0.5	02/07/11 10:00	brd
Acid-Base Potential (calc)	M600/2-78-054 1.3	103.4		*	t CaCO3/Kt	0.1	0.5	02/07/11 10:00	brd
Carbon, total organic (TOC)	ASA No.9 29-2.2.4 Combustion/IR	13.9		*	%	0.1	0.5	02/01/11 14:45	bsu
Neutralization Potential as CaCO3	M600/2-78-054 3.2.3 - Modified (No Heat)	11.4		*	%	0.1	0.5	02/05/11 3:00	bsu
Sulfur Forms	M600/2-78-054 3.2.4-MOD								
Sulfur HCl Residue		0.30		*	%	0.01	0.1	02/04/11 0:00	bsu
Sulfur HNO3 Residue		0.15		*	%	0.01	0.1	02/04/11 0:00	bsu
Sulfur Organic Residual Mod		0.15		*	%	0.01	0.1	02/04/11 0:00	bsu
Sulfur Pyritic Sulfide		0.15		*	%	0.01	0.1	02/04/11 0:00	bsu
Sulfur Sulfate		0.04	B	*	%	0.01	0.1	02/04/11 0:00	bsu
Sulfur Total		0.34		*	%	0.01	0.1	02/04/11 0:00	bsu
Total Sulfur minus Sulfate		0.30		*	%	0.01	0.1	02/04/11 0:00	bsu

Soil Preparation

Parameter	EPA Method	Result	Qual	XQ	Units	MDL	PQL	Date	Analyst
Air Dry at 34 Degrees C	USDA No. 1, 1972							01/26/11 11:00	nrc
Crush and Pulverize	USDA No. 1, 1972							02/01/11 10:00	nrc
Sieve-250 um (60 mesh)	ASA No.9, 15-4.2.2							02/01/11 9:30	njrc

** Please refer to Qualifier Reports for details.*

Report Header Explanations

Batch	A distinct set of samples analyzed at a specific time
Found	Value of the QC Type of interest
Limit	Upper limit for RPD, in %.
Lower	Lower Recovery Limit, in % (except for LCSS, mg/Kg)
MDL	Method Detection Limit. Same as Minimum Reporting Limit. Allows for instrument and annual fluctuations.
PCN/SCN	A number assigned to reagents/standards to trace to the manufacturer's certificate of analysis
PQL	Practical Quantitation Limit, typically 5 times the MDL.
QC	True Value of the Control Sample or the amount added to the Spike
Rec	Amount of the true value or spike added recovered, in % (except for LCSS, mg/Kg)
RPD	Relative Percent Difference, calculation used for Duplicate QC Types
Upper	Upper Recovery Limit, in % (except for LCSS, mg/Kg)
Sample	Value of the Sample of interest

QC Sample Types

AS	Analytical Spike (Post Digestion)	LCSWD	Laboratory Control Sample - Water Duplicate
ASD	Analytical Spike (Post Digestion) Duplicate	LFB	Laboratory Fortified Blank
CCB	Continuing Calibration Blank	LFM	Laboratory Fortified Matrix
CCV	Continuing Calibration Verification standard	LFMD	Laboratory Fortified Matrix Duplicate
DUP	Sample Duplicate	LRB	Laboratory Reagent Blank
ICB	Initial Calibration Blank	MS	Matrix Spike
ICV	Initial Calibration Verification standard	MSD	Matrix Spike Duplicate
ICSAB	Inter-element Correction Standard - A plus B solutions	PBS	Prep Blank - Soil
LCSS	Laboratory Control Sample - Soil	PBW	Prep Blank - Water
LCSSD	Laboratory Control Sample - Soil Duplicate	PQV	Practical Quantitation Verification standard
LCSW	Laboratory Control Sample - Water	SDL	Serial Dilution

QC Sample Type Explanations

Blanks	Verifies that there is no or minimal contamination in the prep method or calibration procedure.
Control Samples	Verifies the accuracy of the method, including the prep procedure.
Duplicates	Verifies the precision of the instrument and/or method.
Spikes/Fortified Matrix	Determines sample matrix interferences, if any.
Standard	Verifies the validity of the calibration.

ACZ Qualifiers (Qual)

B	Analyte concentration detected at a value between MDL and PQL. The associated value is an estimated quantity.
H	Analysis exceeded method hold time. pH is a field test with an immediate hold time.
U	The material was analyzed for, but was not detected above the level of the associated value. The associated value is either the sample quantitation limit or the sample detection limit.

Method References

(1) EPA 600/4-83-020. Methods for Chemical Analysis of Water and Wastes, March 1983.
(2) EPA 600/R-93-100. Methods for the Determination of Inorganic Substances in Environmental Samples, August 1993.
(3) EPA 600/R-94-111. Methods for the Determination of Metals in Environmental Samples - Supplement I, May 1994.
(5) EPA SW-846. Test Methods for Evaluating Solid Waste, Third Edition with Update III, December 1996.
(6) Standard Methods for the Examination of Water and Wastewater, 19th edition, 1995 & 20th edition (1998).

Comments

(1) QC results calculated from raw data. Results may vary slightly if the rounded values are used in the calculations.
(2) Soil, Sludge, and Plant matrices for Inorganic analyses are reported on a dry weight basis.
(3) Animal matrices for Inorganic analyses are reported on an "as received" basis.
(4) An asterisk in the "XQ" column indicates there is an extended qualifier and/or certification qualifier associated with the result.

For a complete list of ACZ's Extended Qualifiers, please click: http://www.acz.com/public/extquallist.pdf

American West Analytical Labs
Project ID: 1101259

ACZ Project ID: ***L86280***

Carbon, total organic (TOC) ASA No.9 29-2.2.4 Combustion/IR

ACZ ID	Type	Analyzed	PCN/SCN	QC	Sample	Found	Units	Rec	Lower	Upper	RPD	Limit	Qual
WG296770													
WG296770PBS	PBS	02/01/11 13:30				U	%		-0.3	0.3			
L86280-01DUP	DUP	02/01/11 16:00			13.9	13.8	%				0.7	20	

Neutralization Potential as CaCO3 M600/2-78-054 3.2.3 - Modified (No Heat)

ACZ ID	Type	Analyzed	PCN/SCN	QC	Sample	Found	Units	Rec	Lower	Upper	RPD	Limit	Qual
WG296882													
WG296882PBS	PBS	02/04/11 10:30				U	%		-0.1	0.1			
WG296882LCSS	LCSS	02/04/11 18:45	PCN33453	100		98.63	%	98.6	80	120			
L86280-01DUP	DUP	02/05/11 11:15			11.4	11.55	%				1.3	20	

Sulfur Organic Residual Mod M600/2-78-054 3.2.4-MOD

ACZ ID	Type	Analyzed	PCN/SCN	QC	Sample	Found	Units	Rec	Lower	Upper	RPD	Limit	Qual
WG296756													
L86280-01DUP	DUP	02/04/11 9:00			.15	.16	%				6.5	20	

Sulfur Pyritic Sulfide M600/2-78-054 3.2.4-MOD

ACZ ID	Type	Analyzed	PCN/SCN	QC	Sample	Found	Units	Rec	Lower	Upper	RPD	Limit	Qual
WG296756													
L86280-01DUP	DUP	02/04/11 9:00			.15	.16	%				6.5	20	

Sulfur Sulfate M600/2-78-054 3.2.4-MOD

ACZ ID	Type	Analyzed	PCN/SCN	QC	Sample	Found	Units	Rec	Lower	Upper	RPD	Limit	Qual
WG296756													
L86280-01DUP	DUP	02/04/11 9:00			.04	.04	%				0	20	RA

Sulfur Total M600/2-78-054 3.2.4-MOD

ACZ ID	Type	Analyzed	PCN/SCN	QC	Sample	Found	Units	Rec	Lower	Upper	RPD	Limit	Qual
WG296756													
WG296756PBS	PBS	02/04/11 8:00				U	%		-0.03	0.03			
WG296756LCSS	LCSS	02/04/11 8:20	PCN35460	4.24		4.35	%	102.6	3.392	5.088			
L86280-01DUP	DUP	02/04/11 9:00			.34	.36	%				5.7	20	

Total Sulfur Minus Sulfate M600/2-78-054 3.2.4-MOD

ACZ ID	Type	Analyzed	PCN/SCN	QC	Sample	Found	Units	Rec	Lower	Upper	RPD	Limit	Qual
WG296756													
L86280-01DUP	DUP	02/04/11 9:00			.3	.32	%				6.5	20	

ACZ Laboratories, Inc.
2773 Downhill Drive Steamboat Springs, CO 80487 (800) 334-5493

Inorganic Extended Qualifier Report

American West Analytical Labs

ACZ Project ID: ***L86280***

ACZ ID	WORKNUM	PARAMETER	METHOD	QUAL	DESCRIPTION
L86280-01	WG296947	Acid Generation Potential (calc)	M600/2-78-054 1.3	N1	See Case Narrative.
		Acid Neutralization Potential (calc)	M600/2-78-054 1.3	N1	See Case Narrative.
		Acid-Base Potential (calc)	M600/2-78-054 1.3	N1	See Case Narrative.
	WG296770	Carbon, total organic (TOC)	ASA No.9 29-2.2.4 Combustion/IR	ZQ	Analyte was not evaluated in the laboratory control standard. Either the analyte is not included in the scope of the analytical method or a commercial standard containing the analyte is not available.
	WG296756	Sulfur Sulfate	M600/2-78-054 3.2.4-MOD	RA	Relative Percent Difference (RPD) was not used for data validation because the sample concentration is too low for accurate evaluation (< 10x MDL).

ACZ Laboratories, Inc.
2773 Downhill Drive Steamboat Springs, CO 80487 (800) 334-5493

Certification Qualifiers

American West Analytical Labs

ACZ Project ID: ***L86280***

Soil Analysis

The following parameters are not offered for certification or are not covered by NELAC certificate #ACZ.

Acid Generation Potential (calc)	M600/2-78-054 1.3
Acid Neutralization Potential (calc)	M600/2-78-054 1.3
Acid-Base Potential (calc)	M600/2-78-054 1.3
Carbon, total organic (TOC)	ASA No.9 29-2.2.4 Combustion/IR
Neutralization Potential as CaCO3	M600/2-78-054 3.2.3 - Modified (No Heat)
Sulfur HCl Residue	M600/2-78-054 3.2.4-MOD
Sulfur HNO3 Residue	M600/2-78-054 3.2.4-MOD
Sulfur Organic Residual Mod	M600/2-78-054 3.2.4-MOD
Sulfur Pyritic Sulfide	M600/2-78-054 3.2.4-MOD
Sulfur Sulfate	M600/2-78-054 3.2.4-MOD
Sulfur Total	M600/2-78-054 3.2.4-MOD
Total Sulfur minus Sulfate	M600/2-78-054 3.2.4-MOD

ACZ Laboratories, Inc.
2773 Downhill Drive Steamboat Springs, CO 80487 (800) 334-5493

Sample Receipt

American West Analytical Labs
1101259

ACZ Project ID: L86280
Date Received: 01/20/2011 10:39
Received By: gac
Date Printed: 1/21/2011

Receipt Verification

	YES	NO	NA
1) Does this project require special handling procedures such as CLP protocol?			X
2) Are the custody seals on the cooler intact?	X		
3) Are the custody seals on the sample containers intact?			X
4) Is there a Chain of Custody or other directive shipping papers present?	X		
5) Is the Chain of Custody complete?	X		
6) Is the Chain of Custody in agreement with the samples received?	X		
7) Is there enough sample for all requested analyses?	X		
8) Are all samples within holding times for requested analyses?	X		
9) Were all sample containers received intact?	X		
10) Are the temperature blanks present?			X
11) Are the trip blanks (VOA and/or Cyanide) present?			X
12) Are samples requiring no headspace, headspace free?			X
13) Do the samples that require a Foreign Soils Permit have one?			X

Exceptions: If you answered no to any of the above questions, please describe

N/A

Contact (For any discrepancies, the client must be contacted)

N/A

Shipping Containers

Cooler Id		Temp (°C)	Rad (µR/hr)
NA12329		16.4	15

Client must contact ACZ Project Manager if analysis should not proceed for samples received outside of thermal preservation acceptance criteria.

Notes

ACZ Laboratories, Inc.

2773 Downhill Drive Steamboat Springs, CO 80487 (800) 334-5493

Sample Receipt

American West Analytical Labs
1101259

ACZ Project ID: L86280
Date Received: 01/20/2011 10:39
Received By: gac
Date Printed: 1/21/2011

Sample Container Preservation

SAMPLE	CLIENT ID	R < 2	G < 2	BK < 2	Y< 2	YG< 2	B< 2	O < 2	T >12	N/A	RAD	ID
L86280-01	SPOILS PILE #1/COMPO									X		

Sample Container Preservation Legend

Abbreviation	Description	Container Type	Preservative/Limits
R	Raw/Nitric	RED	pH must be < 2
B	Filtered/Sulfuric	BLUE	pH must be < 2
BK	Filtered/Nitric	BLACK	pH must be < 2
G	Filtered/Nitric	GREEN	pH must be < 2
O	Raw/Sulfuric	ORANGE	pH must be < 2
P	Raw/NaOH	PURPLE	pH must be > 12 *
T	Raw/NaOH Zinc Acetate	TAN	pH must be > 12
Y	Raw/Sulfuric	YELLOW	pH must be < 2
YG	Raw/Sulfuric	YELLOW GLASS	pH must be < 2
N/A	No preservative needed	Not applicable	
RAD	Gamma/Beta dose rate	Not applicable	must be < 250 µR/hr

* pH check performed by analyst prior to sample preparation

Sample IDs Reviewed By: gac

L86280 Chain of Custody

t Analytical Laboratories

L86280

Chain of Custody

Lab Sample Set # _____

Client: American West Analytical Laboratories
Address: 463 W. 3600 S.
Salt Lake City, UT 84115

Contact: Elona Hayward
Phone: (801) 263-8686
Fax : (801) 263-8687
Email: elona@awal-labs.com
sami@awal-labs.com

Project Name:

PO#: **1101259**

QC Level:

Turn Around Time
Standard

	Sample ID:	Date Sampled	Time	# of Containers	Sample Matrix	ABA, ANP, AGP Calculations	Total Sulfur	TOC	Particle Size	Neutralization Potential	Comments
1	**Spoils Pile #1/composite**	11/10/2010	13:00	4	SO	X	X	X	X	X	
2											
3											
4											
5											
6											
7											
8											
9											
10											
11											
12											
13											
14											
15											

Appropriate Utah state certifications required.

Special Instructions: **Include project name and PO# on final report and Invoice. Email results to both Elona and Samantha.**

Relinquished by: *Signature*	Date: 1-19-11	Received by: *Signature*	Date:
Print Name Elona Hayward	Time: 1300	*Print Name* 1-20-11 10:30	Time:
Relinquished by: *Signature*	Date:	Received by: *Signature*	Date:
Print Name	Time:	*Print Name*	Time:

INSPECTION AND CERTIFIED REPORT ON EXCESS SPOIL PILE OR REFUSE PILE

GENERAL INFORMATION **Excess Spoil Disposal Area #2**

Report Date	January 19, 2012
Permit Number	C/007/035
Mine Name	Sunnyside Refuse and Slurry
Company Name	Sunnyside Cogeneration Associates

EXCESS SPOIL PILE OR REFUSE PILE IDENTIFICATION

Pile Name	Excess Spoil Disposal Area #2
Pile Number	N/A
MSHA ID Number	1211-UT-09-02093-05

Inspection Date	December 22, 2011
Inspected by	Rusty Netz
Reason for Inspection	Annual Inspection 2011

Attachment to Report? (such as refuse sample analysis or photos) **YES**

Field Evaluation

1. Foundation preparation, including the removal of all organic material and topsoil.

   Existing disturbed site. No additional topsoil removal is required by the approved plan

2. Placement of underdrains and protective filter systems.

   No under-drains or filters are required by the approved plan

3. Installation of final surface drainage systems

   N/A

4. Placement and compaction of fill materials

   No new material was placed in this disposal area during the quarter.

5. Final grading and revegetation of fill.

   N/A

6. Appearances of instability, structural weakness, and other hazardous conditions

   No aspects of the Fill structure were observed that could affect its stability or functionality

INSPECTION AND CERTIFIED REPORT ON EXCESS SPOIL PILE OR REFUSE PILE

Excess Spoil Disposal Area #2

7. Other comments. Describe any changes in the geometry of the Excess Spoil/Refuse Pile structure, instrumentation, average and maximum lifts of materials placed in the pile, elevations of active benches, total and remaining storage capacity of the structure, evidence of fires in the pile and abatement of such fires, volumes of materials placed in the structure during the year, and any other aspect of the structure affecting its stability or function which has occurred during the reporting period

SCA has begun reclamation work on Phase 1 of this Disposal Area. Subsoil materials are being excavated from the proposed Phase 2 area to provide approximately 3 ft of cover over the spoil materials. Salvaged Topsoil and clean borrow material will provide the top (4th) foot of cover.

SCA has submitted a permit amendment for expansion of this Disposal Area into Phase 2 and 3 areas. The Division response on this amendment is expected soon.

See attached Photos

QUALIFICATION STATEMENT:

I hereby certify that; I am experienced in the construction of earth and rock fills; I am qualified and authorized under the direction of a Registered Professional Engineer to inspect the condition and appearance of earth and rock fills in accordance with the certified and approved designs for this structure; that the fill structure has been maintained in accordance with approved design and meets or exceeds the minimum design requirements under all applicable federal, state and local regulations; and that inspections are made by myself and include any appearances of instability, structural weakness or other hazardous condition of the structure affecting stability.

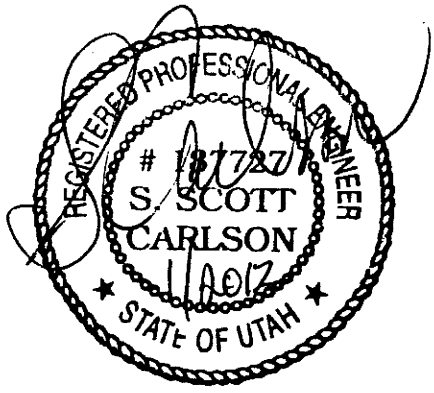
Signature: Rusty Roty Date: 1/26/12

CERTIFICATION STATEMENT

I hereby certify that: I am experienced in the construction of earth and rock fills; I am qualified and authorized in the State of Utah to inspect and certify the condition and appearance of earth and rock fills in accordance with the certified and approved designs for this structure; that the fill structure has been maintained in accordance with the approved design and meets or exceeds the minimum design requirements under all applicable federal, state, and local regulations; and, that inspections and inspection reports are made by myself or under my direction and include any appearances of instability, structural weakness or other hazardous conditions of the structure affecting stability.

By: S. Scott Carlson, PE, Twin Peaks, P.C.
P.E. Number & State: 187727 UTAH

Affix Signature, Stamp and Date



Coarse Refuse Pile

April 2011

Excess Spoil Disposal Area #1

April 2011

Coarse Refuse Pile April 2011

Excess Spoil Disposal Area #1 April 2011

Rail Cut Sediment Pond April 2011

Coarse Refuse Toe Sediment Pond April 2011

Reclamation work occuring on Excess Spoil Disposal Area #2 – Phase 1

Dec 2011

Reclamation work occuring on Excess Spoil Disposal Area #2 – Phase 1

Dec 2011

Subsoil removal (south east of reclamation area – at location of Excess Spoil Disposal Area #2 – Phase 2)

Dec 2011

APPENDIX A
CERTIFIED REPORTS

EXCESS SPOIL DISPOSAL AREA #1

SOIL SAMPLE ANALYTICAL RESULTS

BRIGHAM YOUNG UNIVERSITY
Soil and Plant Analysis Laboratory
255 WIDB
Provo, UT 84602
801-422-2147

Plant and Wildlife Sciences Department

Name: Sunnyside Cogeneration
Street: P.O. Box 159
Sunnyside (City) Utah (State) 84539 (Zip)

SOIL TEST REPORT AND RECOMMENDATIONS

Date: 13-Mar-12
Telephone: 435-888-4476
Fax: 435-888-2538

Sample Identification	Crop to be grown	pH	% Sand	% Silt	% Clay	Soil Texture	Cation Exchange meq/100g	% Organic Matter
spoils from areas #1,2,3,4	Turf	7.23	62.08	22.80	15.12	Sandy Loam		5.63

Soil Test	Results	Very Low	Low	Medium	High	Very High	Recommendations
Nitrate-Nitrogen mg/kg N	5.02	X					apply 2.8 lbs of N/1000 sq ft
Phosphorus mg/kg P	2.62	X					apply 2.1 lbs of P2O5/1000 sq ft
Potassium mg/kg K	171.52				X		no fertilizer needed
Salinity-ECe dS/m	1.65		X				no salinity problem
Organic Carbon % OC	3.27						
Saturation % Saturation	44.73						
Boron mg/kg B	1.62						
Selenium mg/kg Se	0.22						
SAR-Sodium Absorption Ratio	0.92	X					no sodium hazard
Calcium-SAR ppm Ca	268.61						
Potassium SAR ppm K	19.44						
Magnesium SAR ppm Mg	88.42						
Sodium SAR ppm Na	67.97						
Sulfur % pyritic S	0.32	X					
Acid Potential tons $CaCO_3$/1000 tons	9.85						
Ca Carbonate %CaCO3	5.38						
Neutralizing Potential tons $CaCO_3$/1000 tons	53.75						
Acid Base Potential tons $CaCO_3$/1000 tons	43.90				X		good

Notes:

APPENDIX B-1
CLIMATOLOGICAL DATA

SUNNYSIDE WEATHER STATION
2011 CLIMATOLOGICAL REPORT

day	January			February			March			April			May			June		
	max temp	min temp	precip	max temp	min temp	precip	max temp	min temp	precip	max temp	min temp	precip	max temp	min temp	precip	max temp	min temp	precip
1	23	9		43	15		49	28		65	40		51	31		70	49	
2	23	10		25	10		50	33		70	43		54	32		72	51	
3	28	14		31	12		51	34	0.16	73	37		61	38		69	41	
4	30	17		40	23		49	32		48	27		61	38		73	49	
5	31	17		43	31		47	29		59	34		65	39		80	50	
6	36	19		43	28		45	32		62	39		72	45		82	55	
7	39	24		42	28		47	35		54	39		76	48		80	44	
8	39	24		41	21		41	26	0.34	52	38		78	56		75	51	
9	33	26		35	15		50	28		45	39	0.15	69	36	1.21	76	49	
10	31	13		34	18		53	32		45	29		52	38	0.14	73	45	
11	29	13		39	22		59	36		53	31		55	37		79	52	
12	31	18		44	26		60	38		59	38		64	38		79	50	
13	36	22		48	28		54	34		58	37		71	46		77	54	
14	43	27		48	29		56	36		58	34		72	52		76	51	
15	43	30		49	31		58	39		54	34		70	48		82	52	
16	41	31		50	34		58	38		63	38		71	52		83	59	t
17	50	33		53	27		60	41		68	42		61	39	0.52	72	52	
18	50	31		44	29		49	30		68	48		49	36	0.82	75	47	
19	46	31		45	32		49	39		59	39	0.15	50	36	0.58	76	53	t
20	40	22		39	26	1.04	50	35		62	39	0.1	53	38	0.36	71	45	
21	41	27		38	22		51	44		59	39		63	40		77	48	
22	42	31		39	23		48	30		57	34		66	46	0.08	83	52	
23	41	24		42	26		48	28		52	36	0.85	64	42	0.18	90	58	
24	40	28		43	26		49	32	0.1	50	36	0.35	58	42		90	57	
25	42	26		42	33		49	35		51	36	0.13	62	39		88	56	
26	45	27		41	34		45	26		52	34		67	46		88	54	
27	45	28		46	28		46	32	0.32	50	28		67	44		86	60	
28	46	32		42	24		47	31	0.26	56	33		68	48		89	57	
29	47	31					46	25		59	40		71	53		91	69	0.51
30	47	32					51	35		46	27		68	38		87	54	0.2
31	45	30					62	38					65	38				
Total	1203	747	0	1169	701	1.04	1577	1031	1.18	1707	1088	1.73	1974	1299	3.89	2389	1564	0.71
AVG	38.81	24.10		41.75	25.04		50.87	33.26		56.90	36.27		63.68	41.90		79.63	52.13	
AVG DAILY	31.45			33.39			42.06			46.58			52.79			65.88		

temperature in °F
precipitation in inches

SUNNYSIDE WEATHER STATION
2011 CLIMATOLOGICAL REPORT

	July			August			September			October			November			December		
day	max temp	min temp	precip	max temp	min temp	precip	max temp	min temp	precip	max temp	min temp	precip	max temp	min temp	precip	max temp	min temp	precip
1	80	53		81	60	0.05	86	57		79	54		59	37		49	27	
2	90	60		82	59		85	58		79	54		49	31		37	31	
3	91	63		84	61	0.12	86	57		75	52		47	27		35	27	
4	92	67		81	56		86	55		75	53		55	32		38	17	
5	90	66		83	56		86	57		70	48	1.42	55	38	0.28	36	19	
6	88	64		86	58		77	55	0.16	51	35	0.34	43	25		34	15	
7	89	62	t	86	56		76	52		45	31		42	31		37	20	
8	81	60	0.2	87	57		80	52		52	36		45	26		40	24	
9	80	56		88	59		81	60		52	38		47	26		41	24	
10	81	59	1.28	89	57		71	49		56	37		47	28		43	27	
11	79	56		90	61		74	51	0.75	64	45		46	28		44	26	
12	77	59	0.24	91	58		74	49		68	41		45	31		41	25	
13	75	56	0.46	91	65		75	52		67	43		50	38		36	31	0.56
14	78	55		92	64	0.06	73	51	0.35	70	47		51	30		39	24	
15	81	54		81	57		67	51	0.26	71	50		52	32		38	23	
16	83	56		87	60		70	51		71	49		51	26		38	23	
17	88	62	0.17	91	61		67	48	0.37	71	44		47	29		43	26	
18	88	63	0.36	91	61		71	47		64	41		52	31		43	28	
19	86	60	0.16	87	61		74	49		64	40		52	34		49	32	
20	84	58		92	63		77	51		66	43		46	34		46	27	
21	85	60		90	59		78	50		67	44		49	38		42	26	
22	87	58		89	58		78	50		68	43		50	32		36	26	
23	89	58		92	62		79	51		68	42		50	33		37	21	
24	91	65		93	65		79	53		66	42		50	34		43	24	
25	92	64		94	67		81	52		65	44		51	34		47	27	
26	92	61	0.55	89	60		80	54		60	38		50	27		47	28	
27	78	54	0.51	89	64		81	52		51	31		48	28		43	26	
28	82	57		88	64		82	55		51	31		47	31		43	29	
29	87	59		88	59	0.1	85	58		53	34		54	36		50	30	
30	89	63		89	58		84	54		58	37		53	32		50	29	
31	89	64	0.48	86	57					60	39					48	29	
Total	2642	1852	4.41	2727	1863	0.33	2343	1581	1.89	1977	1306	1.76	1483	939	0.28	1293	791	0.56
AVG	85.23	59.74		87.97	60.10		78.10	52.70		63.77	42.13		49.43	31.30		41.71	25.52	
AVG DAILY	72.48			74.03			65.40			52.95			40.37			33.61		

AVERAGE HIGH TEMPERATURE	61.49
AVERAGE LOW TEMPERATURE	40.35
TOTAL PRECIPITATION FOR 2010	17.78
AVERAGE MONTHLY PRECIPITATION	1.48

APPENDIX B-2
WATER MONITORING

APPENDIX B-2
WATER MONITORING

FIRST QUARTER

Sunnyside Cogeneration Associates

P.O. Box 10, East Carbon, Utah 84520 • (435) 888-4476 • Fax (435) 888-2538

April 8, 2011

Daron Haddock
Division of Oil, Gas & Mining
1594 W. North Temple, Suite 1210
Salt Lake City, Utah 84116

Subject: Quarterly Sampling Report
Monitoring Period: January, February, March 2011
DOGM Operational Water Monitoring

Dear Daron:

This letter is to confirm that the quarterly baseline water sampling data and the UPDES DMR data, have been submitted to the DOGM EDI web site. The data is correct and ready to be processed.

Should you have any questions, please contact Rusty Netz or myself at (435)888-4476.

Thank You,

Richard Carter
Agent For
Sunnyside Cogeneration Associates

c.c. Steve Gross
William Rossiter
Maggie Estrada
Paul Shepard
Rusty Netz
Plant File

Sunnyside Cogeneration Facility
Sunnyside, Utah

Field Parameter Data

DOGM Permit Boundry Water Quality Monitoring Plan
Monitoring Period: First Quarter 2011
Samples taken April 22, 2011

Monitoring Location	Location I.D.	Temp. (C)	pH (su)	SC (umhos)	Dissolved Oxygen (mg/l)	Flow Rate (gpm)	Flow method
Icelander Creek	ICE-1	NW	NW	NW	NW	NW	NW
Columbia Dugway Spring	F-2	3.8	8.45	1924	10.8	5	2
Coarse Refuse Seep Source	CRS	NA	NA	NA	NA	NA	NA
Coarse Refuse Seep Boundary	CRB	2.9	8.4	6380	10.3	3	2
Dragerton Well	Well-1	5.5	8.33	1471	11	120	4
Borehole B-6	B-6	NW	NW	NW	NW	NW	NW

Notes:
na - no flow
NW- no water present
NW/F- no water present frozen
nd - data is not available due to lack of discharge
1- Flow rates were measured using a weir.
2 - Flow rates were measured using a calibrated container and stopwatch method.
3 - Flow rates were measured using the floating debris method.
4 - Flow rates were measured using a meter

SGS

Analysis Report

April 04, 2011

SUNNYSIDE COGENERATION FAC
PO BOX 10
EAST CARBON UT 84520

Client Sample ID:	CRB
Date Sampled:	Mar 22, 2011
Date Received:	Mar 23, 2011
Product Description:	WATER

Sample ID By:	Sunnyside Cogeneration Assoc.
Sample Taken At:	CRB
Sample Taken By:	Rusty Netz
Time Sampled:	1030
Time Received:	0950
Mine:	27
Site:	9
Field - pH:	8.40 pH
Field - Dis. Oxygen:	10.3 MG/L
Field - Flow:	3 GPM
Field - Conductivity:	6380 UMHOS/CM
Field - Temperature:	2.4 DEG. C

Comments: Dissolved Metals Filtered at Lab

SGS Minerals Sample ID: 782-1107089-001

TESTS	RESULT	UNIT	METHOD	REPORTING LIMIT	ANALYZED DATE	TIME	ANALYST
Hardness, mg equivalent CaCO3/L	3192	mg/L	SM2340-B	1.000	2011-03-30	17:02:33	CM
Sulfate, SO4	4136	mg/L	EPA 300.0	1.000	2011-03-23	22:12:00	CM
Oil and Grease, (HEM)	<5	mg/L	EPA 1664-A	5.000	2011-03-25	08:00:00	CM
Anions	97.71	meq/L	SM1030-E	0.000	2011-03-30	17:02:33	CM
Cations	100.01	meq/L	SM1030-E	0.000	2011-03-30	17:02:33	CM
Balance	1.16	%	SM1030-E	-10.000	2011-03-30	17:02:33	CM
Acidity	<5	mg/L	D1067	5.000	2011-03-25	11:30:00	DI
pH	8.18	s. u.	SM4500-H	0.010	2011-03-23	10:01:00	DI
pH Temperature	11.20	°C	SM4500-H	0.010	2011-03-23	10:01:00	DI
Conductivity	6720	µmhos/cm	SM2510	0.100	2011-03-23	10:40:00	DI
Settleable Solids	<0.1	mL/L	SM2540-F a	0.100	2011-03-23	11:30:00	DI
Total Dissolved Solids	6757	mg/L	SM2540-C	30.000	2011-03-24	15:15:00	CM
Total Suspended Solids	<5	mg/L	SM2540-D	5.000	2011-03-24	15:15:00	CM
Chloride, Cl	160	mg/L	EPA 300.0	1.000	2011-03-23	22:12:00	CM
Alkalinity, mg CaCO3/L (pH 4.5)	354	mg/L	SM2320-B	5.000	2011-03-29	11:55:00	AL
Carbonate Alkalinity as CaCO3	<5	mg/L	SM2320-B	5.000	2011-03-29	11:55:00	AL
Bicarbonate Alkalinity as CaCO3	354	mg/L	SM2320-B	5.000	2011-03-29	11:55:00	AL

Lab Supervisor

Domenic Ibanez
Lab Supervisor

SGS North America Inc. | Minerals Services Division
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Analysis Report

APR - 8 2011

April 04, 2011

SUNNYSIDE COGENERATION FAC
PO BOX 10
EAST CARBON UT 84520

Client Sample ID:	CRB
Date Sampled:	Mar 22, 2011
Date Received:	Mar 23, 2011
Product Description:	WATER

Sample ID By:	Sunnyside Cogeneration Assoc.
Sample Taken At:	CRB
Sample Taken By:	Rusty Netz
Time Sampled:	1030
Time Received:	0950
Mine:	27
Site:	9
Field - pH:	8.40 pH
Field - Dis. Oxygen:	10.3 MG/L
Field - Flow:	3 GPM
Field - Conductivity:	6380 UMHOS/CM
Field - Temperature:	2.4 DEG. C

Comments: Dissolved Metals Filtered at Lab

SGS Minerals Sample ID: 782-1107089-001

TESTS	RESULT	UNIT	METHOD	REPORTING LIMIT	ANALYZED DATE	TIME	ANALYST
METALS BY ICP							
Calcium, Ca - Dissolved	464.00	mg/L	EPA 200.7	0.030	2011-03-25	17:33:00	CM
Iron, Fe - Total	<0.05	mg/L	EPA 200.7	0.050	2011-03-29	16:42:00	CM
Iron, Fe - Dissolved	<0.03	mg/L	EPA 200.7	0.030	2011-03-25	17:33:00	CM
Magnesium, Mg - Dissolved	493.84	mg/L	EPA 200.7	0.010	2011-03-25	17:33:00	CM
Manganese, Mn - Total	<0.002	mg/L	EPA 200.7	0.002	2011-03-29	16:42:00	CM
Manganese, Mn - Dissolved	<0.002	mg/L	EPA 200.7	0.002	2011-03-25	17:33:00	CM
Potassium, K - Dissolved	50.85	mg/L	EPA 200.7	0.140	2011-03-25	17:33:00	CM
Sodium, Na - Dissolved	803.02	mg/L	EPA 200.7	0.090	2011-03-25	17:33:00	CM

Lab Supervisor

Domenic Ibanez
Lab Supervisor

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Analysis Report

APR - 8 2011

April 04, 2011

SUNNYSIDE COGENERATION FAC
PO BOX 10
EAST CARBON UT 84520

Client Sample ID:	F2
Date Sampled:	Mar 22, 2011
Date Received:	Mar 23, 2011
Product Description:	WATER

Sample ID By:	Sunnyside Cogeneration Assoc.
Sample Taken At:	F2
Sample Taken By:	Rusty Netz
Time Sampled:	1100
Time Received:	0950
Mine:	27
Site:	11
Field - pH:	8.45 pH
Field - Dis. Oxygen:	10.8 MG/L
Field - Flow:	6 GPM
Field - Conductivity:	1924 UMHOS/CM
Field - Temperature:	3.8 DEG. C

Comments: Dissolved Metals Filtered at Lab

SGS Minerals Sample ID: 782-1107089-002

TESTS	RESULT	UNIT	METHOD	REPORTING LIMIT	ANALYZED DATE	TIME	ANALYST
Hardness, mg equivalent CaCO3/L	766	mg/L	SM2340-B	1.000	2011-03-30	17:02:33	CM
Sulfate, SO4	682	mg/L	EPA 300.0	1.000	2011-03-23	22:12:00	CM
Oil and Grease, (HEM)	<5	mg/L	EPA 1664-A	5.000	2011-03-25	08:00:00	CM
Anions	23.99	meq/L	SM1030-E	0.000	2011-03-30	17:02:33	CM
Cations	24.12	meq/L	SM1030-E	0.000	2011-03-30	17:02:33	CM
Balance	0.26	%	SM1030-E	-10.000	2011-03-30	17:02:33	CM
Acidity	<5	mg/L	D1067	5.000	2011-03-25	11:30:00	DI
pH	8.41	s. u.	SM4500-H	0.010	2011-03-23	10:03:00	DI
pH Temperature	10.50	°C	SM4500-H	0.010	2011-03-23	10:03:00	DI
Conductivity	1955	µmhos/cm	SM2510	0.100	2011-03-23	10:40:00	DI
Settleable Solids	<0.1	mL/L	SM2540-F a	0.100	2011-03-23	11:30:00	DI
Total Dissolved Solids	1410	mg/L	SM2540-C	30.000	2011-03-24	15:15:00	CM
Total Suspended Solids	6	mg/L	SM2540-D	5.000	2011-03-24	15:15:00	CM
Chloride, Cl	45	mg/L	EPA 300.0	1.000	2011-03-23	22:12:00	CM
Alkalinity, mg CaCO3/L (pH 4.5)	426	mg/L	SM2320-B	5.000	2011-03-29	11:55:00	AL
Carbonate Alkalinity as CaCO3	25	mg/L	SM2320-B	5.000	2011-03-29	11:55:00	AL
Bicarbonate Alkalinity as CaCO3	401	mg/L	SM2320-B	5.000	2011-03-29	11:55:00	AL

Lab Supervisor

Domenic Ibanez
Lab Supervisor

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Analysis Report

APR - 8 2011

April 04, 2011

SUNNYSIDE COGENERATION FAC
PO BOX 10
EAST CARBON UT 84520

Client Sample ID:	F2
Date Sampled:	Mar 22, 2011
Date Received:	Mar 23, 2011
Product Description:	WATER

Sample ID By:	Sunnyside Cogeneration Assoc.
Sample Taken At:	F2
Sample Taken By:	Rusty Netz
Time Sampled:	1100
Time Received:	0950
Mine:	27
Site:	11
Field - pH:	8.45 pH
Field - Dis. Oxygen:	10.8 MG/L
Field - Flow:	6 GPM
Field - Conductivity:	1924 UMHOS/CM
Field - Temperature:	3.8 DEG. C

Comments: Dissolved Metals Filtered at Lab

SGS Minerals Sample ID: 782-1107089-002

TESTS	RESULT	UNIT	METHOD	REPORTING LIMIT	ANALYZED DATE	TIME	ANALYST
METALS BY ICP							
Calcium, Ca - Dissolved	105.38	mg/L	EPA 200.7	0.030	2011-03-25	17:33:00	CM
Iron, Fe - Total	0.11	mg/L	EPA 200.7	0.050	2011-03-29	16:42:00	CM
Iron, Fe - Dissolved	<0.03	mg/L	EPA 200.7	0.030	2011-03-25	17:33:00	CM
Magnesium, Mg - Dissolved	122.06	mg/L	EPA 200.7	0.010	2011-03-25	17:33:00	CM
Manganese, Mn - Total	0.011	mg/L	EPA 200.7	0.002	2011-03-29	16:42:00	CM
Manganese, Mn - Dissolved	0.008	mg/L	EPA 200.7	0.002	2011-03-25	17:33:00	CM
Potassium, K - Dissolved	3.50	mg/L	EPA 200.7	0.140	2011-03-25	17:33:00	CM
Sodium, Na - Dissolved	200.68	mg/L	EPA 200.7	0.090	2011-03-25	17:33:00	CM

Lab Supervisor

Domenic Ibanez
Lab Supervisor

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Analysis Report

APR - 8 2011

April 04, 2011

SUNNYSIDE COGENERATION FAC
PO BOX 10
EAST CARBON UT 84520

Client Sample ID:	WELL 1
Date Sampled:	Mar 22, 2011
Date Received:	Mar 23, 2011
Product Description:	WATER

Sample ID By:	Sunnyside Cogeneration Assoc.
Sample Taken At:	WELL 1
Sample Taken By:	Rusty Netz
Time Sampled:	1130
Time Received:	0950
Mine:	27
Site:	8
Field - pH:	8.33 pH
Field - Dis. Oxygen:	11.0 MG/L
Field - Flow:	120 GPM
Field - Conductivity:	1471 UMHOS/CM
Field - Temperature:	5.5 DEG. C

Comments: Dissolved Metals Filtered at Lab

SGS Minerals Sample ID: 782-1107089-003

TESTS	RESULT	UNIT	METHOD	REPORTING LIMIT	ANALYZED DATE	TIME	ANALYST
Hardness, mg equivalent CaCO3/L	583	mg/L	SM2340-B	1.000	2011-03-30	17:02:33	CM
Sulfate, SO4	373	mg/L	EPA 300.0	1.000	2011-03-23	22:12:00	CM
Oil and Grease, (HEM)	<5	mg/L	EPA 1664-A	5.000	2011-04-01	08:00:00	CM
Anions	17.58	meq/L	SM1030-E	0.000	2011-03-30	17:02:33	CM
Cations	17.61	meq/L	SM1030-E	0.000	2011-03-30	17:02:33	CM
Balance	0.08	%	SM1030-E	-10.000	2011-03-30	17:02:33	CM
Acidity	7	mg/L	D1067	5.000	2011-03-25	11:30:00	DI
pH	8.04	s. u.	SM4500-H	0.010	2011-03-23	10:05:00	DI
pH Temperature	11.10	°C	SM4500-H	0.010	2011-03-23	10:05:00	DI
Conductivity	1512	µmhos/cm	SM2510	0.100	2011-03-23	10:40:00	DI
Settleable Solids	<0.1	mL/L	SM2540-F a	0.100	2011-03-23	11:30:00	DI
Total Dissolved Solids	1008	mg/L	SM2540-C	30.000	2011-03-24	15:15:00	CM
Total Suspended Solids	7	mg/L	SM2540-D	5.000	2011-03-24	15:15:00	CM
Chloride, Cl	76	mg/L	EPA 300.0	1.000	2011-03-23	22:12:00	CM
Alkalinity, mg CaCO3/L (pH 4.5)	384	mg/L	SM2320-B	5.000	2011-03-29	11:55:00	AL
Carbonate Alkalinity as CaCO3	<5	mg/L	SM2320-B	5.000	2011-03-29	11:55:00	AL
Bicarbonate Alkalinity as CaCO3	384	mg/L	SM2320-B	5.000	2011-03-29	11:55:00	AL

Lab Supervisor

Domenic Ibanez
Lab Supervisor

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2035 North Airport Road Huntington t (435) 653-2311 f (435)-653-2436 www.sgs.com/minerals

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Analysis Report

APR - 8 2011

April 04, 2011

SUNNYSIDE COGENERATION FAC
PO BOX 10
EAST CARBON UT 84520

Client Sample ID:	WELL 1
Date Sampled:	Mar 22, 2011
Date Received:	Mar 23, 2011
Product Description:	WATER

Sample ID By:	Sunnyside Cogeneration Assoc.
Sample Taken At:	WELL 1
Sample Taken By:	Rusty Netz
Time Sampled:	1130
Time Received:	0950
Mine:	27
Site:	8
Field - pH:	8.33 pH
Field - Dis. Oxygen:	11.0 MG/L
Field - Flow:	120 GPM
Field - Conductivity:	1471 UMHOS/CM
Field - Temperature:	5.5 DEG. C

Comments: Dissolved Metals Filtered at Lab

SGS Minerals Sample ID: 782-1107089-003

TESTS	RESULT	UNIT	METHOD	REPORTING LIMIT	ANALYZED DATE	TIME	ANALYST
METALS BY ICP							
Calcium, Ca - Dissolved	65.29	mg/L	EPA 200.7	0.030	2011-03-25	17:33:00	CM
Iron, Fe - Total	1.04	mg/L	EPA 200.7	0.050	2011-03-29	16:42:00	CM
Iron, Fe - Dissolved	<0.03	mg/L	EPA 200.7	0.030	2011-03-25	17:33:00	CM
Magnesium, Mg - Dissolved	102.01	mg/L	EPA 200.7	0.010	2011-03-25	17:33:00	CM
Manganese, Mn - Total	0.008	mg/L	EPA 200.7	0.002	2011-03-29	16:42:00	CM
Manganese, Mn - Dissolved	0.004	mg/L	EPA 200.7	0.002	2011-03-25	17:33:00	CM
Potassium, K - Dissolved	2.32	mg/L	EPA 200.7	0.140	2011-03-25	17:33:00	CM
Sodium, Na - Dissolved	135.63	mg/L	EPA 200.7	0.090	2011-03-25	17:33:00	CM

Lab Supervisor

Domenic Ibanez
Lab Supervisor

APPENDIX B-2
WATER MONITORING

SECOND QUARTER

Sunnyside Cogeneration Associates

P.O. Box 10, East Carbon, Utah 84520 • (435) 888-4476 • Fax (435) 888-2538

July 11, 2011

Daron Haddock
Division of Oil, Gas & Mining
1594 W. North Temple, Suite 1210
Salt Lake City, Utah 84116

Subject: Quarterly Sampling Report
Monitoring Period: April, May, June 2011
DOGM Operational Water Monitoring

Dear Daron:

This letter is to confirm that the quarterly baseline water sampling data and the UPDES DMR data, have been submitted to the DOGM EDI web site. The data is correct and ready to be processed.

Should you have any questions, please contact Rusty Netz or myself at (435)888-4476.

Thank You,

Richard Carter
Agent For
Sunnyside Cogeneration Associates

c.c. Steve Gross
William Rossiter
Maggie Estrada
Paul Shepard
Rusty Netz
Plant File

Sunnyside Cogeneration Facility
Sunnyside, Utah

Field Parameter Data

DOGM Permit Boundry Water Quality Monitoring Plan
Monitoring Period: Second Quarter 2011
Samples taken June 7, 2011

Monitoring Location	Location I.D.	Temp. (C)	pH (su)	SC (umhos)	Dissolved Oxygen (mg/l)	Flow Rate (gpm)	Flow method
Icelander Creek	ICE-1	NW	NW	NW	NW	NW	NW
Columbia Dugway Spring	F-2	12	8.42	2300	9.5	10	2
Coarse Refuse Seep Source	CRS	NA	NA	NA	NA	NA	NA
Coarse Refuse Seep Boundary	CRB	11.1	7.92	6270	9.1	5	2
Dragerton Well	Well-1	16	7.85	1015	7.4	300	4
Borehole B-6	B-6	NW	NW	NW	NW	NW	NW

Notes:
na - no flow
NW- no water present
NW/F- no water present frozen
nd - data is not available due to lack of discharge
1- Flow rates were measured using a weir.
2 - Flow rates were measured using a calibrated container and stopwatch method.
3 - Flow rates were measured using the floating debris method.
4 - Flow rates were measured using a meter

SGS

Analysis Report

June 16, 2011

SUNNYSIDE COGENERATION FAC
PO BOX 10
EAST CARBON UT 84520

Client Sample ID:	CRB	Sample ID By:	Sunnyside Cogeneration Assoc.
Date Sampled:	Jun 7, 2011	Sample Taken At:	CRB
Date Received:	Jun 8, 2011	Sample Taken By:	RCS
Product Description:	WATER	Time Sampled:	0930
		Time Received:	1010
		Mine:	27
		Site:	9
		Field - pH:	7.92 pH
		Field - Dis. Oxygen:	9.1 MG/L
		Field - Flow:	5 GPM
		Field - Conductivity:	6270 UMHOS/CM
		Field - Temperature:	11 DEG. C

Comments: Dissolved Metals Filtered at Lab; pH Expired When Received

SGS Minerals Sample ID: 782-1108259-001

TESTS	RESULT	UNIT	METHOD	REPORTING LIMIT	ANALYZED DATE	TIME	ANALYST
Hardness, mg equivalent CaCO3/L	3251	mg/L	SM2340-B	1	2011-06-14	11:50:52	DI
Sulfate, SO4	4244	mg/L	EPA 300.0	1	2011-06-08	19:42:00	CM
Oil and Grease, (HEM)	<5	mg/L	EPA 1664-A	5	2011-06-10	07:00:00	AL
Anions	99.71	meq/L	SM1030-E	0	2011-06-14	11:41:31	AL
Cations	100.69	meq/L	SM1030-E	0	2011-06-14	11:41:31	AL
Balance	0.49	%	SM1030-E	-10	2011-06-14	11:41:31	AL
pH	8.16	s. u.	SM4500-H	0.01	2011-06-08	10:24:00	CM
pH Temperature	17.50	°C	SM4500-H	0.01	2011-06-08	10:24:00	CM
Settleable Solids	<0.1	mL/L	SM2540-F a	0.1	2011-06-08	12:00:00	AL
Total Dissolved Solids	6782	mg/L	SM2540-C	30	2011-06-09	15:20:00	AL
Total Suspended Solids	50	mg/L	SM2540-D	5	2011-06-09	15:20:00	AL
Chloride, Cl	160	mg/L	EPA 300.0	1	2011-06-08	19:42:00	CM
Alkalinity, mg CaCO3/L (pH 4.5)	342	mg/L	SM2320-B	5	2011-06-09	16:05:52	AL
Carbonate Alkalinity as CaCO3	<5	mg/L	SM2320-B	5	2011-06-09	16:05:52	AL
Bicarbonate Alkalinity as CaCO3	342	mg/L	SM2320-B	5	2011-06-09	16:05:52	AL
METALS BY ICP							
Calcium, Ca - Dissolved	465.44	mg/L	EPA 200.7	0.03	2011-06-13	20:14:00	AL

Lab Supervisor

Domenic Ibanez
Lab Supervisor

SGS North America Inc. | Minerals Services Division
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Analysis Report

June 16, 2011

SUNNYSIDE COGENERATION FAC
PO BOX 10
EAST CARBON UT 84520

Client Sample ID:	CRB	Sample ID By:	Sunnyside Cogeneration Assoc.
Date Sampled:	Jun 7, 2011	Sample Taken At:	CRB
Date Received:	Jun 8, 2011	Sample Taken By:	RCS
Product Description:	WATER	Time Sampled:	0930
		Time Received:	1010
		Mine:	27
		Site:	9
		Field - pH:	7.92 pH
		Field - Dis. Oxygen:	9.1 MG/L
		Field - Flow:	5 GPM
		Field - Conductivity:	6270 UMHOS/CM
		Field - Temperature:	11 DEG. C

Comments: Dissolved Metals Filtered at Lab; pH Expired When Received

SGS Minerals Sample ID: 782-1108259-001

TESTS	RESULT	UNIT	METHOD	REPORTING LIMIT	ANALYZED DATE	TIME	ANALYST
METALS BY ICP (continued)							
Iron, Fe - Total	<0.05	mg/L	EPA 200.7	0.05	2011-06-15	20:15:00	AL
Iron, Fe - Dissolved	<0.03	mg/L	EPA 200.7	0.03	2011-06-13	20:14:00	AL
Magnesium, Mg - Dissolved	507.21	mg/L	EPA 200.7	0.01	2011-06-13	20:14:00	AL
Manganese, Mn - Total	<0.002	mg/L	EPA 200.7	0.002	2011-06-15	20:15:00	AL
Manganese, Mn - Dissolved	<0.002	mg/L	EPA 200.7	0.002	2011-06-13	20:14:00	AL
Potassium, K - Dissolved	50.14	mg/L	EPA 200.7	0.14	2011-06-13	20:14:00	AL
Sodium, Na - Dissolved	792.13	mg/L	EPA 200.7	0.09	2011-06-13	20:14:00	AL

Lab Supervisor

Domenic Ibanez
Lab Supervisor

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SGS

Analysis Report

June 16, 2011

SUNNYSIDE COGENERATION FAC
PO BOX 10
EAST CARBON UT 84520

Client Sample ID:	F2
Date Sampled:	Jun 7, 2011
Date Received:	Jun 8, 2011
Product Description:	WATER

Sample ID By:	Sunnyside Cogeneration Assoc.
Sample Taken At:	F2
Sample Taken By:	RCS
Time Sampled:	1005
Time Received:	1010
Mine:	27
Site:	11
Field - pH:	8.42 pH
Field - Dis. Oxygen:	9.5 MG/L
Field - Flow:	10 GPM
Field - Conductivity:	2300 UMHOS/CM
Field - Temperature:	12 DEG. C

Comments: Dissolved Metals Filtered at Lab; pH Expired When Received

SGS Minerals Sample ID: 782-1108259-002

TESTS	RESULT	UNIT	METHOD	REPORTING LIMIT	ANALYZED DATE	TIME	ANALYST
Hardness, mg equivalent CaCO3/L	962	mg/L	SM2340-B	1	2011-06-14	11:50:52	DI
Sulfate, SO4	901	mg/L	EPA 300.0	1	2011-06-08	19:42:00	CM
Oil and Grease, (HEM)	<5	mg/L	EPA 1664-A	5	2011-06-10	07:00:00	AL
Anions	28.84	meq/L	SM1030-E	0	2011-06-14	11:41:31	AL
Cations	29.75	meq/L	SM1030-E	0	2011-06-14	11:41:31	AL
Balance	1.55	%	SM1030-E	-10	2011-06-14	11:41:31	AL
pH	8.43	s. u.	SM4500-H	0.01	2011-06-08	10:22:00	CM
pH Temperature	17.00	°C	SM4500-H	0.01	2011-06-08	10:22:00	CM
Settleable Solids	<0.1	mL/L	SM2540-F a	0.1	2011-06-08	12:00:00	AL
Total Dissolved Solids	1879	mg/L	SM2540-C	30	2011-06-09	15:20:00	AL
Total Suspended Solids	30	mg/L	SM2540-D	5	2011-06-09	15:20:00	AL
Chloride, Cl	60	mg/L	EPA 300.0	1	2011-06-08	19:42:00	CM
Alkalinity, mg CaCO3/L (pH 4.5)	419	mg/L	SM2320-B	5	2011-06-09	16:05:53	AL
Carbonate Alkalinity as CaCO3	<5	mg/L	SM2320-B	5	2011-06-09	16:05:53	AL
Bicarbonate Alkalinity as CaCO3	419	mg/L	SM2320-B	5	2011-06-09	16:05:53	AL
METALS BY ICP							
Calcium, Ca - Dissolved	138.86	mg/L	EPA 200.7	0.03	2011-06-13	20:14:00	AL

Lab Supervisor

Domenic Ibanez
Lab Supervisor

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Analysis Report

June 16, 2011

SUNNYSIDE COGENERATION FAC
PO BOX 10
EAST CARBON UT 84520

Client Sample ID:	F2	Sample ID By:	Sunnyside Cogeneration Assoc.
Date Sampled:	Jun 7, 2011	Sample Taken At:	F2
Date Received:	Jun 8, 2011	Sample Taken By:	RCS
Product Description:	WATER	Time Sampled:	1005
		Time Received:	1010
		Mine:	27
		Site:	11
		Field - pH:	8.42 pH
		Field - Dis. Oxygen:	9.5 MG/L
		Field - Flow:	10 GPM
		Field - Conductivity:	2300 UMHOS/CM
		Field - Temperature:	12 DEG. C

Comments: Dissolved Metals Filtered at Lab; pH Expired When Received

SGS Minerals Sample ID: 782-1108259-002

TESTS	RESULT	UNIT	METHOD	REPORTING LIMIT	ANALYZED DATE	TIME	ANALYST
METALS BY ICP (continued)							
Iron, Fe - Total	0.39	mg/L	EPA 200.7	0.05	2011-06-15	20:15:00	AL
Iron, Fe - Dissolved	<0.03	mg/L	EPA 200.7	0.03	2011-06-13	20:14:00	AL
Magnesium, Mg - Dissolved	149.53	mg/L	EPA 200.7	0.01	2011-06-13	20:14:00	AL
Manganese, Mn - Total	0.023	mg/L	EPA 200.7	0.002	2011-06-15	20:15:00	AL
Manganese, Mn - Dissolved	0.013	mg/L	EPA 200.7	0.002	2011-06-13	20:14:00	AL
Potassium, K - Dissolved	5.29	mg/L	EPA 200.7	0.14	2011-06-13	20:14:00	AL
Sodium, Na - Dissolved	238.63	mg/L	EPA 200.7	0.09	2011-06-13	20:14:00	AL

Lab Supervisor

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Analysis Report

June 16, 2011

SUNNYSIDE COGENERATION FAC
PO BOX 10
EAST CARBON UT 84520

Client Sample ID:	WELL 1
Date Sampled:	Jun 7, 2011
Date Received:	Jun 8, 2011
Product Description:	WATER

Sample ID By:	Sunnyside Cogeneration Assoc.
Sample Taken At:	WELL 1
Sample Taken By:	RCS
Time Sampled:	1030
Time Received:	1010
Mine:	27
Site:	8
Field - pH:	7.85 pH
Field - Dis. Oxygen:	7.4 MG/L
Field - Flow:	300 GPM
Field - Conductivity:	1015 UMHOS/CM
Field - Temperature:	16 DEG. C

Comments: Dissolved Metals Filtered at Lab

SGS Minerals Sample ID: 782-1108259-003

TESTS	RESULT	UNIT	METHOD	REPORTING LIMIT	ANALYZED DATE	TIME	ANALYST
Hardness, mg equivalent CaCO3/L	434	mg/L	SM2340-B	1	2011-06-14	11:50:52	DI
Sulfate, SO4	193	mg/L	EPA 300.0	1	2011-06-08	19:42:00	CM
Oil and Grease, (HEM)	<5	mg/L	EPA 1664-A	5	2011-06-10	07:00:00	AL
Anions	12.49	meq/L	SM1030-E	0	2011-06-14	11:41:31	AL
Cations	12.97	meq/L	SM1030-E	0	2011-06-14	11:41:31	AL
Balance	1.89	%	SM1030-E	-10	2011-06-14	11:41:31	AL
pH	7.70	s. u.	SM4500-H	0.01	2011-06-08	10:20:00	CM
pH Temperature	16.90	°C	SM4500-H	0.01	2011-06-08	10:20:00	CM
Settleable Solids	<0.1	mL/L	SM2540-F a	0.1	2011-06-08	12:00:00	AL
Total Dissolved Solids	698	mg/L	SM2540-C	30	2011-06-09	15:20:00	AL
Total Suspended Solids	10	mg/L	SM2540-D	5	2011-06-09	15:20:00	AL
Chloride, Cl	16	mg/L	EPA 300.0	1	2011-06-08	19:42:00	CM
Alkalinity, mg CaCO3/L (pH 4.5)	402	mg/L	SM2320-B	5	2011-06-09	16:05:54	AL
Carbonate Alkalinity as CaCO3	<5	mg/L	SM2320-B	5	2011-06-09	16:05:54	AL
Bicarbonate Alkalinity as CaCO3	402	mg/L	SM2320-B	5	2011-06-09	16:05:54	AL
METALS BY ICP							
Calcium, Ca - Dissolved	71.03	mg/L	EPA 200.7	0.03	2011-06-13	20:14:00	AL

Lab Supervisor

Domenic Ibanez
Lab Supervisor

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Analysis Report

June 16, 2011

SUNNYSIDE COGENERATION FAC
PO BOX 10
EAST CARBON UT 84520

Client Sample ID:	WELL 1	Sample ID By:	Sunnyside Cogeneration Assoc.
Date Sampled:	Jun 7, 2011	Sample Taken At:	WELL 1
Date Received:	Jun 8, 2011	Sample Taken By:	RCS
Product Description:	WATER	Time Sampled:	1030
		Time Received:	1010
		Mine:	27
		Site:	8
		Field - pH:	7.85 pH
		Field - Dis. Oxygen:	7.4 MG/L
		Field - Flow:	300 GPM
		Field - Conductivity:	1015 UMHOS/CM
		Field - Temperature:	16 DEG. C

Comments: Dissolved Metals Filtered at Lab

SGS Minerals Sample ID: 782-1108259-003

TESTS	RESULT	UNIT	METHOD	REPORTING LIMIT	ANALYZED DATE	TIME	ANALYST
METALS BY ICP (continued)							
Iron, Fe - Total	<0.05	mg/L	EPA 200.7	0.05	2011-06-15	20:15:00	AL
Iron, Fe - Dissolved	<0.03	mg/L	EPA 200.7	0.03	2011-06-13	20:14:00	AL
Magnesium, Mg - Dissolved	62.29	mg/L	EPA 200.7	0.01	2011-06-13	20:14:00	AL
Manganese, Mn - Total	0.003	mg/L	EPA 200.7	0.002	2011-06-15	20:15:00	AL
Manganese, Mn - Dissolved	0.003	mg/L	EPA 200.7	0.002	2011-06-13	20:14:00	AL
Potassium, K - Dissolved	2.63	mg/L	EPA 200.7	0.14	2011-06-13	20:14:00	AL
Sodium, Na - Dissolved	97.44	mg/L	EPA 200.7	0.09	2011-06-13	20:14:00	AL

Lab Supervisor

Domenic Ibanez
Lab Supervisor

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APPENDIX B-2
WATER MONITORING

THIRD QUARTER

Sunnyside Cogeneration Associates

P.O. Box 10, East Carbon, Utah 84520 • (435) 888-4476 • Fax (435) 888-2538

October 4, 2011

Daron Haddock
Division of Oil, Gas & Mining
1594 W. North Temple, Suite 1210
Salt Lake City, Utah 84116

Subject: Quarterly Sampling Report
Monitoring Period: July, August, September 2011
DOGM Operational Water Monitoring

Dear Daron:

This letter is to confirm that the quarterly baseline water sampling data and the UPDES DMR data, have been submitted to the DOGM EDI web site. The data is correct and ready to be processed.

Should you have any questions, please contact Rusty Netz or myself at (435)888-4476.

Thank You,

Richard Carter
Agent For
Sunnyside Cogeneration Associates

c.c. Steve Gross
William Rossiter
Maggie Estrada
Rusty Netz
Plant File

Sunnyside Cogeneration Facility
Sunnyside, Utah

Field Parameter Data

DOGM Permit Boundry Water Quality Monitoring Plan
Monitoring Period: Third Quarter 2011
Samples taken August 9, 2011

Monitoring Location	Location I.D.	Temp. (C)	pH (su)	SC (umhos)	Dissolved Oxygen (mg/l)	Flow Rate (gpm)	Flow method
Icelander Creek	ICE-1	14.3	8.44	2050	11	70	2
Columbia Dugway Spring	F-2	13.8	8.34	1845	8.8	150	2
Coarse Refuse Seep Source	CRS	NA	NA	NA	NA	NA	NA
Coarse Refuse Seep Boundary	CRB	13.5	8.1	7070	7.3	10	2
Dragerton Well	Well-1	13.5	7.8	1014	7.1	270	4
Borehole B-6	B-6	NW	NW	NW	NW	NW	NW

Notes:
na - no flow
NW- no water present
NW/F- no water present frozen
nd - data is not available due to lack of discharge
1- Flow rates were measured using a weir.
2 - Flow rates were measured using a calibrated container and stopwatch method.
3 - Flow rates were measured using the floating debris method.
4 - Flow rates were measured using a meter

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Analysis Report

August 17, 2011

SUNNYSIDE COGENERATION FAC
PO BOX 10
EAST CARBON UT 84520

Client Sample ID:	CRB	Sample ID By:	Sunnyside Cogeneration Assoc.
Date Sampled:	Aug 9, 2011	Sample Taken At:	CRB
Date Received:	Aug 10, 2011	Sample Taken By:	RCS
Product Description:	WATER	Time Sampled:	0845
		Time Received:	0950
		Mine:	27
		Site:	9
		Field - pH:	8.1 pH
		Field - Dis. Oxygen:	7.3 MG/L
		Field - Flow:	10 GPM
		Field - Conductivity:	7070 UMHOS/CM
		Field - Temperature:	13.5 DEG. C

Comments: Dissolved Metals Filtered at Lab; pH Expired When Received

SGS Minerals Sample ID: 782-1109297-001

TESTS	RESULT	UNIT	METHOD	REPORTING LIMIT	ANALYZED DATE	TIME	ANALYST
Hardness, mg equivalent CaCO3/L	3260	mg/L	SM2340-B	1	2011-08-17	13:00:00	AL
Sulfate, SO4	4759	mg/L	EPA 300.0	1	2011-08-15	17:59:00	CM
Oil and Grease, (HEM)	<5	mg/L	EPA 1664-A	5	2011-08-12	07:45:00	AL
Anions	112.18	meq/L	SM1030-E	0	2011-08-17	13:00:00	AL
Cations	106.26	meq/L	SM1030-E	0	2011-08-17	13:00:00	AL
Balance	-2.71	%	SM1030-E	-10	2011-08-17	13:00:00	AL
pH	8.07	s. u.	SM4500-H	0.01	2011-08-10	09:58:00	AL
pH Temperature	20.00	°C	SM4500-H	0.01	2011-08-10	09:58:00	AL
Settleable Solids	<0.1	mL/L	SM2540-F a	0.1	2011-08-10	11:00:00	AL
Total Dissolved Solids	7547	mg/L	SM2540-C	30	2011-08-15	12:50:00	AL
Total Suspended Solids	23	mg/L	SM2540-D	5	2011-08-15	12:50:00	AL
Chloride, Cl	177	mg/L	EPA 300.0	1	2011-08-15	17:59:00	CM
Alkalinity, mg CaCO3/L (pH 4.5)	406	mg/L	SM2320-B	5	2011-08-15	13:00:00	CM
Carbonate Alkalinity as CaCO3	<5	mg/L	SM2320-B	5	2011-08-15	13:00:00	CM
Bicarbonate Alkalinity as CaCO3	406	mg/L	SM2320-B	5	2011-08-15	13:00:00	CM
METALS BY ICP							
Calcium, Ca - Dissolved	462.03	mg/L	EPA 200.7	0.03	2011-08-16	11:52:00	AL

Lab Supervisor

Domenic Ibanez
Lab Supervisor

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Analysis Report

August 17, 2011

SUNNYSIDE COGENERATION FAC
PO BOX 10
EAST CARBON UT 84520

Client Sample ID:	CRB	Sample ID By:	Sunnyside Cogeneration Assoc.
Date Sampled:	Aug 9, 2011	Sample Taken At:	CRB
Date Received:	Aug 10, 2011	Sample Taken By:	RCS
Product Description:	WATER	Time Sampled:	0845
		Time Received:	0950
		Mine:	27
		Site:	9
		Field - pH:	8.1 pH
		Field - Dis. Oxygen:	7.3 MG/L
		Field - Flow:	10 GPM
		Field - Conductivity:	7070 UMHOS/CM
		Field - Temperature:	13.5 DEG. C

Comments: Dissolved Metals Filtered at Lab; pH Expired When Received

SGS Minerals Sample ID: 782-1109297-001

TESTS	RESULT	UNIT	METHOD	REPORTING LIMIT	ANALYZED DATE	TIME	ANALYST
METALS BY ICP (continued)							
Iron, Fe - Total	0.07	mg/L	EPA 200.7	0.05	2011-08-11	12:27:00	AL
Iron, Fe - Dissolved	<0.03	mg/L	EPA 200.7	0.03	2011-08-16	11:52:00	AL
Magnesium, Mg - Dissolved	511.47	mg/L	EPA 200.7	0.01	2011-08-16	11:52:00	AL
Manganese, Mn - Total	0.031	mg/L	EPA 200.7	0.002	2011-08-11	12:27:00	AL
Manganese, Mn - Dissolved	0.011	mg/L	EPA 200.7	0.002	2011-08-16	11:52:00	AL
Potassium, K - Dissolved	59.36	mg/L	EPA 200.7	0.14	2011-08-16	11:52:00	AL
Sodium, Na - Dissolved	910.62	mg/L	EPA 200.7	0.09	2011-08-16	11:52:00	AL

Lab Supervisor

Domenic Ibanez
Lab Supervisor

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Analysis Report

August 17, 2011

SUNNYSIDE COGENERATION FAC
PO BOX 10
EAST CARBON UT 84520

Client Sample ID:	ICE 1	Sample ID By:	Sunnyside Cogeneration Assoc.
Date Sampled:	Aug 9, 2011	Sample Taken At:	ICE 1
Date Received:	Aug 10, 2011	Sample Taken By:	RCS
Product Description:	WATER	Time Sampled:	0910
		Time Received:	0950
		Mine:	27
		Site:	12
		Field - pH:	8.44 pH
		Field - Dis. Oxygen:	11 MG/L
		Field - Flow:	70 GPM
		Field - Conductivity:	2050 UMHOS/CM
		Field - Temperature:	14.3 DEG. C

Comments: Dissolved Metals Filtered at Lab; pH Expired When Received

SGS Minerals Sample ID: 782-1109297-002

TESTS	RESULT	UNIT	METHOD	REPORTING LIMIT	ANALYZED DATE	TIME	ANALYST
Hardness, mg equivalent CaCO3/L	751	mg/L	SM2340-B	1	2011-08-17	13:00:00	AL
Sulfate, SO4	716	mg/L	EPA 300.0	1	2011-08-15	17:59:00	CM
Oil and Grease, (HEM)	<5	mg/L	EPA 1664-A	5	2011-08-12	07:45:00	AL
Anions	25.89	meq/L	SM1030-E	0	2011-08-17	13:00:00	AL
Cations	25.77	meq/L	SM1030-E	0	2011-08-17	13:00:00	AL
Balance	-0.23	%	SM1030-E	-10	2011-08-17	13:00:00	AL
pH	8.40	s. u.	SM4500-H	0.01	2011-08-10	10:00:00	AL
pH Temperature	18.70	°C	SM4500-H	0.01	2011-08-10	10:00:00	AL
Settleable Solids	<0.1	mL/L	SM2540-F a	0.1	2011-08-10	11:00:00	AL
Total Dissolved Solids	1557	mg/L	SM2540-C	30	2011-08-15	12:50:00	AL
Total Suspended Solids	76	mg/L	SM2540-D	5	2011-08-15	12:50:00	AL
Chloride, Cl	59	mg/L	EPA 300.0	1	2011-08-15	17:59:00	CM
Alkalinity, mg CaCO3/L (pH 4.5)	466	mg/L	SM2320-B	5	2011-08-15	13:00:00	CM
Carbonate Alkalinity as CaCO3	9	mg/L	SM2320-B	5	2011-08-15	13:00:00	CM
Bicarbonate Alkalinity as CaCO3	457	mg/L	SM2320-B	5	2011-08-15	13:00:00	CM
METALS BY ICP							
Calcium, Ca - Dissolved	99.34	mg/L	EPA 200.7	0.03	2011-08-16	11:52:00	AL

Lab Supervisor

Domenic Ibanez
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Analysis Report

August 17, 2011

SUNNYSIDE COGENERATION FAC
PO BOX 10
EAST CARBON UT 84520

Client Sample ID:	ICE 1	Sample ID By:	Sunnyside Cogeneration Assoc.
Date Sampled:	Aug 9, 2011	Sample Taken At:	ICE 1
Date Received:	Aug 10, 2011	Sample Taken By:	RCS
Product Description:	WATER	Time Sampled:	0910
		Time Received:	0950
		Mine:	27
		Site:	12
		Field - pH:	8.44 pH
		Field - Dis. Oxygen:	11 MG/L
		Field - Flow:	70 GPM
		Field - Conductivity:	2050 UMHOS/CM
		Field - Temperature:	14.3 DEG. C

Comments: Dissolved Metals Filtered at Lab; pH Expired When Received

SGS Minerals Sample ID: 782-1109297-002

TESTS	RESULT	UNIT	METHOD	REPORTING LIMIT	ANALYZED DATE	TIME	ANALYST
METALS BY ICP (continued)							
Iron, Fe - Total	0.46	mg/L	EPA 200.7	0.05	2011-08-11	12:27:00	AL
Iron, Fe - Dissolved	<0.03	mg/L	EPA 200.7	0.03	2011-08-16	11:52:00	AL
Magnesium, Mg - Dissolved	122.08	mg/L	EPA 200.7	0.01	2011-08-16	11:52:00	AL
Manganese, Mn - Total	0.086	mg/L	EPA 200.7	0.002	2011-08-11	12:27:00	AL
Manganese, Mn - Dissolved	0.031	mg/L	EPA 200.7	0.002	2011-08-16	11:52:00	AL
Potassium, K - Dissolved	5.72	mg/L	EPA 200.7	0.14	2011-08-16	11:52:00	AL
Sodium, Na - Dissolved	244.25	mg/L	EPA 200.7	0.09	2011-08-16	11:52:00	AL

Lab Supervisor

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Analysis Report

August 17, 2011

SUNNYSIDE COGENERATION FAC
PO BOX 10
EAST CARBON UT 84520

Client Sample ID:	F 2	Sample ID By:	Sunnyside Cogeneration Assoc.
Date Sampled:	Aug 9, 2011	Sample Taken At:	F 2
Date Received:	Aug 10, 2011	Sample Taken By:	RCS
Product Description:	WATER	Time Sampled:	0925
		Time Received:	0950
		Mine:	27
		Site:	11
		Field - pH:	8.34 pH
		Field - Dis. Oxygen:	8.8 MG/L
		Field - Flow:	150 GPM
		Field - Conductivity:	1845 UMHOS/CM
		Field - Temperature:	13.8 DEG. C

Comments: Dissolved Metals Filtered at Lab; pH Expired When Received

SGS Minerals Sample ID: 782-1109297-003

TESTS	RESULT	UNIT	METHOD	REPORTING LIMIT	ANALYZED DATE	TIME	ANALYST
Hardness, mg equivalent CaCO3/L	695	mg/L	SM2340-B	1	2011-08-17	13:00:00	AL
Sulfate, SO4	608	mg/L	EPA 300.0	1	2011-08-15	17:59:00	CM
Oil and Grease, (HEM)	<5	mg/L	EPA 1664-A	5	2011-08-12	07:45:00	AL
Anions	22.82	meq/L	SM1030-E	0	2011-08-17	13:00:00	AL
Cations	23.14	meq/L	SM1030-E	0	2011-08-17	13:00:00	AL
Balance	0.70	%	SM1030-E	-10	2011-08-17	13:00:00	AL
pH	8.37	s. u.	SM4500-H	0.01	2011-08-10	10:02:00	AL
pH Temperature	17.50	°C	SM4500-H	0.01	2011-08-10	10:02:00	AL
Settleable Solids	<0.1	mL/L	SM2540-F a	0.1	2011-08-10	11:00:00	AL
Total Dissolved Solids	1391	mg/L	SM2540-C	30	2011-08-15	12:50:00	AL
Total Suspended Solids	8	mg/L	SM2540-D	5	2011-08-15	12:50:00	AL
Chloride, Cl	39	mg/L	EPA 300.0	1	2011-08-15	17:59:00	CM
Alkalinity, mg CaCO3/L (pH 4.5)	453	mg/L	SM2320-B	5	2011-08-15	13:00:00	CM
Carbonate Alkalinity as CaCO3	<5	mg/L	SM2320-B	5	2011-08-15	13:00:00	CM
Bicarbonate Alkalinity as CaCO3	453	mg/L	SM2320-B	5	2011-08-15	13:00:00	CM
METALS BY ICP							
Calcium, Ca - Dissolved	103.25	mg/L	EPA 200.7	0.03	2011-08-16	11:52:00	AL

Lab Supervisor

Domenic Ibanez
Lab Supervisor

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Analysis Report

August 17, 2011

SUNNYSIDE COGENERATION FAC
PO BOX 10
EAST CARBON UT 84520

Client Sample ID:	F 2	Sample ID By:	Sunnyside Cogeneration Assoc.
Date Sampled:	Aug 9, 2011	Sample Taken At:	F 2
Date Received:	Aug 10, 2011	Sample Taken By:	RCS
Product Description:	WATER	Time Sampled:	0925
		Time Received:	0950
		Mine:	27
		Site:	11
		Field - pH:	8.34 pH
		Field - Dis. Oxygen:	8.8 MG/L
		Field - Flow:	150 GPM
		Field - Conductivity:	1845 UMHOS/CM
		Field - Temperature:	13.8 DEG. C

Comments: Dissolved Metals Filtered at Lab; pH Expired When Received

SGS Minerals Sample ID: 782-1109297-003

TESTS	RESULT	UNIT	METHOD	REPORTING LIMIT	ANALYZED DATE	TIME	ANALYST
METALS BY ICP (continued)							
Iron, Fe - Total	0.16	mg/L	EPA 200.7	0.05	2011-08-11	12:27:00	AL
Iron, Fe - Dissolved	<0.03	mg/L	EPA 200.7	0.03	2011-08-16	11:52:00	AL
Magnesium, Mg - Dissolved	106.06	mg/L	EPA 200.7	0.01	2011-08-16	11:52:00	AL
Manganese, Mn - Total	0.020	mg/L	EPA 200.7	0.002	2011-08-11	12:27:00	AL
Manganese, Mn - Dissolved	0.008	mg/L	EPA 200.7	0.002	2011-08-16	11:52:00	AL
Potassium, K - Dissolved	3.67	mg/L	EPA 200.7	0.14	2011-08-16	11:52:00	AL
Sodium, Na - Dissolved	210.85	mg/L	EPA 200.7	0.09	2011-08-16	11:52:00	AL

Lab Supervisor

Domenic Ibanez
Lab Supervisor

SGS North America Inc. | Minerals Services Division
2035 North Airport Road Huntington UT 84528 t (435) 653-2311 f (435)-653-2436 www.sgs.com/minerals

SGS

Analysis Report

August 17, 2011

SUNNYSIDE COGENERATION FAC
PO BOX 10
EAST CARBON UT 84520

Client Sample ID:	WELL 1	Sample ID By:	Sunnyside Cogeneration Assoc.
Date Sampled:	Aug 9, 2011	Sample Taken At:	WELL 1
Date Received:	Aug 10, 2011	Sample Taken By:	RCS
Product Description:	WATER	Time Sampled:	0945
		Time Received:	0950
		Mine:	27
		Site:	8
		Field - pH:	7.8 pH
		Field - Dis. Oxygen:	7.1 MG/L
		Field - Flow:	270 GPM
		Field - Conductivity:	1014 UMHOS/CM
		Field - Temperature:	13.5 DEG. C

Comments: Dissolved Metals Filtered at Lab; pH Expired When Received

SGS Minerals Sample ID: 782-1109297-004

TESTS	RESULT	UNIT	METHOD	REPORTING LIMIT	ANALYZED DATE	TIME	ANALYST
Hardness, mg equivalent CaCO3/L	385	mg/L	SM2340-B	1	2011-08-17	13:00:00	AL
Sulfate, SO4	193	mg/L	EPA 300.0	1	2011-08-15	17:59:00	CM
Oil and Grease, (HEM)	<5	mg/L	EPA 1664-A	5	2011-08-12	07:45:00	AL
Anions	11.97	meq/L	SM1030-E	0	2011-08-17	13:00:00	AL
Cations	11.91	meq/L	SM1030-E	0	2011-08-17	13:00:00	AL
Balance	-0.28	%	SM1030-E	-10	2011-08-17	13:00:00	AL
pH	7.85	s. u.	SM4500-H	0.01	2011-08-10	10:04:00	AL
pH Temperature	19.60	°C	SM4500-H	0.01	2011-08-10	10:04:00	AL
Settleable Solids	<0.1	mL/L	SM2540-F a	0.1	2011-08-10	11:00:00	AL
Total Dissolved Solids	668	mg/L	SM2540-C	30	2011-08-15	12:50:00	AL
Total Suspended Solids	6	mg/L	SM2540-D	5	2011-08-15	12:50:00	AL
Chloride, Cl	16	mg/L	EPA 300.0	1	2011-08-15	17:59:00	CM
Alkalinity, mg CaCO3/L (pH 4.5)	376	mg/L	SM2320-B	5	2011-08-15	13:00:00	CM
Carbonate Alkalinity as CaCO3	<5	mg/L	SM2320-B	5	2011-08-15	13:00:00	CM
Bicarbonate Alkalinity as CaCO3	376	mg/L	SM2320-B	5	2011-08-15	13:00:00	CM
METALS BY ICP							
Calcium, Ca - Dissolved	63.88	mg/L	EPA 200.7	0.03	2011-08-16	11:52:00	AL

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Analysis Report

August 17, 2011

SUNNYSIDE COGENERATION FAC
PO BOX 10
EAST CARBON UT 84520

Client Sample ID:	WELL 1	Sample ID By:	Sunnyside Cogeneration Assoc.
Date Sampled:	Aug 9, 2011	Sample Taken At:	WELL 1
Date Received:	Aug 10, 2011	Sample Taken By:	RCS
Product Description:	WATER	Time Sampled:	0945
		Time Received:	0950
		Mine:	27
		Site:	8
		Field - pH:	7.8 pH
		Field - Dis. Oxygen:	7.1 MG/L
		Field - Flow:	270 GPM
		Field - Conductivity:	1014 UMHOS/CM
		Field - Temperature:	13.5 DEG. C

Comments: Dissolved Metals Filtered at Lab; pH Expired When Received

SGS Minerals Sample ID: 782-1109297-004

TESTS	RESULT	UNIT	METHOD	REPORTING LIMIT	ANALYZED DATE	TIME	ANALYST
METALS BY ICP (continued)							
Iron, Fe - Total	0.95	mg/L	EPA 200.7	0.05	2011-08-11	12:27:00	AL
Iron, Fe - Dissolved	<0.03	mg/L	EPA 200.7	0.03	2011-08-16	11:52:00	AL
Magnesium, Mg - Dissolved	54.74	mg/L	EPA 200.7	0.01	2011-08-16	11:52:00	AL
Manganese, Mn - Total	0.003	mg/L	EPA 200.7	0.002	2011-08-11	12:27:00	AL
Manganese, Mn - Dissolved	0.003	mg/L	EPA 200.7	0.002	2011-08-16	11:52:00	AL
Potassium, K - Dissolved	2.43	mg/L	EPA 200.7	0.14	2011-08-16	11:52:00	AL
Sodium, Na - Dissolved	95.49	mg/L	EPA 200.7	0.09	2011-08-16	11:52:00	AL

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APPENDIX B-2
WATER MONITORING

FOURTH QUARTER

Sunnyside Cogeneration Associates

P.O. Box 10, East Carbon, Utah 84520 • (435) 888-4476 • Fax (435) 888-2538

January 9, 2012

Daron Haddock
Division of Oil, Gas & Mining
1594 W. North Temple, Suite 1210
Salt Lake City, Utah 84116

Subject: Quarterly Sampling Report
Monitoring Period: October, November, December 2011
DOGM Operational Water Monitoring

Dear Daron:

This letter is to confirm that the quarterly baseline water sampling data and the UPDES DMR data, have been submitted to the DOGM EDI web site. The data is correct and ready to be processed.

Should you have any questions, please contact Rusty Netz or myself at (435)888-4476.

Thank You,

Richard Carter
Agent For
Sunnyside Cogeneration Associates

c.c. Steve Gross
William Rossiter
Maggie Estrada
Rusty Netz
Plant File

Sunnyside Cogeneration Facility
Sunnyside, Utah

Field Parameter Data

DOGM Permit Boundry Water Quality Monitoring Plan
Monitoring Period: Fourth Quarter 2011
Samples taken November 30, 2011

Monitoring Location	Location I.D.	Temp. (C)	pH (su)	SC (umhos)	Dissolved Oxygen (mg/l)	Flow Rate (gpm)	Flow method
Icelander Creek	ICE-1	2.2	8.25	1626	11	30	2
Columbia Dugway Spring	F-2	3.9	8.3	1642	11	50	2
Coarse Refuse Seep Source	CRS	NA	NA	NA	NA	NA	NA
Coarse Refuse Seep Boundary	CRB	3.4	7.84	6440	11	14	2
Dragerton Well	Well-1	6.9	7.78	992	8.9	250	4
Borehole B-6	B-6	NW	NW	NW	NW	NW	NW

Notes:
na - no flow
NW- no water present
NW/F- no water present frozen
nd - data is not available due to lack of discharge
1- Flow rates were measured using a weir.
2 - Flow rates were measured using a calibrated container and stopwatch method.
3 - Flow rates were measured using the floating debris method.
4 - Flow rates were measured using a meter

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Analysis Report

December 09, 2011

SUNNYSIDE COGENERATION FAC
PO BOX 10
EAST CARBON UT 84520

Client Sample ID:	CRB	Sample ID By:	Sunnyside Cogeneration Assoc.
Date Sampled:	Nov 30, 2011	Sample Taken At:	CRB
Date Received:	Dec 1, 2011	Sample Taken By:	RCS
Product Description:	WATER	Time Sampled:	0840
		Time Received:	1030
		Mine:	27
		Site:	9
		Field - pH:	7.84 pH
		Field - Dis. Oxygen:	11 MG/L
		Field - Flow:	4 GPM
		Field - Conductivity:	6440 UMHOS/CM
		Field - Temperature:	3.4 DEG. C

Comments: Dissolved Metals Filtered at Lab; pH Expired When Received

SGS Minerals Sample ID: 782-1110980-001

TESTS	RESULT	UNIT	METHOD	REPORTING LIMIT	ANALYZED DATE	TIME	ANALYST
Hardness, mg equivalent CaCO3/L	2948	mg/L	SM2340-B	1	2011-12-08	11:00:16	AL
Sulfate, SO4	4017	mg/L	EPA 300.0	1	2011-12-05	19:08:00	CM
Oil and Grease, (HEM)	<5	mg/L	EPA 1664A	5	2011-12-02	07:30:00	CM
Anions	95.99	meq/L	SM1030E	0	2011-12-08	11:00:16	AL
Cations	97.49	meq/L	SM1030E	0	2011-12-08	11:00:16	AL
Balance	0.77	%	SM1030E	-10	2011-12-08	11:00:16	AL
pH	8.19	s. u.	SM4500-H	0.01	2011-12-01	10:55:00	CM
pH Temperature	13.30	°C	SM4500-H	0.01	2011-12-01	10:55:00	CM
Settleable Solids	<0.1	mL/L	SM2540-F a	0.1	2011-12-01	11:35:00	CM
Total Dissolved Solids	6989	mg/L	SM2540-C	30	2011-12-01	12:30:00	AL
Total Suspended Solids	6	mg/L	SM2540-D	5	2011-12-01	12:30:00	AL
Chloride, Cl	163	mg/L	EPA 300.0	1	2011-12-05	19:08:00	CM
Alkalinity, mg CaCO3/L (pH 4.5)	388	mg/L	SM2320-B	5	2011-12-02	09:00:00	DI
Carbonate Alkalinity as CaCO3	8	mg/L	SM2320-B	5	2011-12-02	09:00:00	DI
Bicarbonate Alkalinity as CaCO3	381	mg/L	SM2320-B	5	2011-12-02	09:00:00	DI
METALS BY ICP							
Calcium, Ca - Dissolved	434.44	mg/L	EPA 200.7	0.03	2011-12-05	14:13:00	CM

Lab Supervisor

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Analysis Report

December 09, 2011

SUNNYSIDE COGENERATION FAC
PO BOX 10
EAST CARBON UT 84520

Client Sample ID:	CRB	Sample ID By:	Sunnyside Cogeneration Assoc.
Date Sampled:	Nov 30, 2011	Sample Taken At:	CRB
Date Received:	Dec 1, 2011	Sample Taken By:	RCS
Product Description:	WATER	Time Sampled:	0840
		Time Received:	1030
		Mine:	27
		Site:	9
		Field - pH:	7.84 pH
		Field - Dis. Oxygen:	11 MG/L
		Field - Flow:	4 GPM
		Field - Conductivity:	6440 UMHOS/CM
		Field - Temperature:	3.4 DEG. C

Comments: Dissolved Metals Filtered at Lab; pH Expired When Received

SGS Minerals Sample ID: 782-1110980-001

TESTS	RESULT	UNIT	METHOD	REPORTING LIMIT	ANALYZED DATE	ANALYZED TIME	ANALYST
METALS BY ICP (continued)							
Iron, Fe - Total	<0.05	mg/L	EPA 200.7	0.05	2011-12-07	12:57:00	CM
Iron, Fe - Dissolved	<0.03	mg/L	EPA 200.7	0.03	2011-12-05	14:13:00	CM
Magnesium, Mg - Dissolved	452.52	mg/L	EPA 200.7	0.01	2011-12-05	14:13:00	CM
Manganese, Mn - Total	0.009	mg/L	EPA 200.7	0.002	2011-12-07	12:57:00	CM
Manganese, Mn - Dissolved	<0.002	mg/L	EPA 200.7	0.002	2011-12-05	14:13:00	CM
Potassium, K - Dissolved	44.62	mg/L	EPA 200.7	0.14	2011-12-05	14:13:00	CM
Sodium, Na - Dissolved	860.76	mg/L	EPA 200.7	0.09	2011-12-05	14:13:00	CM

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Analysis Report

December 09, 2011

SUNNYSIDE COGENERATION FAC
PO BOX 10
EAST CARBON UT 84520

Client Sample ID:	ICE	Sample ID By:	Sunnyside Cogeneration Assoc.
Date Sampled:	Nov 30, 2011	Sample Taken At:	ICE
Date Received:	Dec 1, 2011	Sample Taken By:	RCS
Product Description:	WATER	Time Sampled:	0915
		Time Received:	1030
		Mine:	27
		Site:	12
		Field - pH:	8.25 pH
		Field - Dis. Oxygen:	11 MG/L
		Field - Flow:	10 GPM
		Field - Conductivity:	1626 UMHOS/CM
		Field - Temperature:	2.2 DEG. C

Comments: Dissolved Metals Filtered at Lab; pH Expired When Received

SGS Minerals Sample ID: 782-1110980-002

TESTS	RESULT	UNIT	METHOD	REPORTING LIMIT	ANALYZED DATE	TIME	ANALYST
Hardness, mg equivalent CaCO3/L	607	mg/L	SM2340-B	1	2011-12-08	11:00:16	AL
Sulfate, SO4	502	mg/L	EPA 300.0	1	2011-12-05	19:08:00	CM
Oil and Grease, (HEM)	<5	mg/L	EPA 1664A	5	2011-12-02	07:30:00	CM
Anions	20.40	meq/L	SM1030E	0	2011-12-08	11:00:16	AL
Cations	20.79	meq/L	SM1030E	0	2011-12-08	11:00:16	AL
Balance	0.94	%	SM1030E	-10	2011-12-08	11:00:16	AL
pH	8.46	s. u.	SM4500-H	0.01	2011-12-01	10:57:00	CM
pH Temperature	14.90	°C	SM4500-H	0.01	2011-12-01	10:57:00	CM
Settleable Solids	<0.1	mL/L	SM2540-F a	0.1	2011-12-01	11:35:00	CM
Total Dissolved Solids	1223	mg/L	SM2540-C	30	2011-12-01	12:30:00	AL
Total Suspended Solids	14	mg/L	SM2540-D	5	2011-12-01	12:30:00	AL
Chloride, Cl	38	mg/L	EPA 300.0	1	2011-12-05	19:08:00	CM
Alkalinity, mg CaCO3/L (pH 4.5)	444	mg/L	SM2320-B	5	2011-12-02	09:00:00	DI
Carbonate Alkalinity as CaCO3	41	mg/L	SM2320-B	5	2011-12-02	09:00:00	DI
Bicarbonate Alkalinity as CaCO3	403	mg/L	SM2320-B	5	2011-12-02	09:00:00	DI
METALS BY ICP							
Calcium, Ca - Dissolved	80.66	mg/L	EPA 200.7	0.03	2011-12-05	14:13:00	CM

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Analysis Report

December 09, 2011

SUNNYSIDE COGENERATION FAC
PO BOX 10
EAST CARBON UT 84520

Client Sample ID:	ICE	Sample ID By:	Sunnyside Cogeneration Assoc.
Date Sampled:	Nov 30, 2011	Sample Taken At:	ICE
Date Received:	Dec 1, 2011	Sample Taken By:	RCS
Product Description:	WATER	Time Sampled:	0915
		Time Received:	1030
		Mine:	27
		Site:	12
		Field - pH:	8.25 pH
		Field - Dis. Oxygen:	11 MG/L
		Field - Flow:	10 GPM
		Field - Conductivity:	1626 UMHOS/CM
		Field - Temperature:	2.2 DEG. C

Comments: Dissolved Metals Filtered at Lab; pH Expired When Received

SGS Minerals Sample ID: 782-1110980-002

TESTS	RESULT	UNIT	METHOD	REPORTING LIMIT	ANALYZED DATE	ANALYZED TIME	ANALYST
METALS BY ICP (continued)							
Iron, Fe - Total	0.11	mg/L	EPA 200.7	0.05	2011-12-07	12:57:00	CM
Iron, Fe - Dissolved	<0.03	mg/L	EPA 200.7	0.03	2011-12-05	14:13:00	CM
Magnesium, Mg - Dissolved	98.44	mg/L	EPA 200.7	0.01	2011-12-05	14:13:00	CM
Manganese, Mn - Total	0.010	mg/L	EPA 200.7	0.002	2011-12-07	12:57:00	CM
Manganese, Mn - Dissolved	0.002	mg/L	EPA 200.7	0.002	2011-12-05	14:13:00	CM
Potassium, K - Dissolved	3.68	mg/L	EPA 200.7	0.14	2011-12-05	14:13:00	CM
Sodium, Na - Dissolved	197.06	mg/L	EPA 200.7	0.09	2011-12-05	14:13:00	CM

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Analysis Report

December 09, 2011

SUNNYSIDE COGENERATION FAC
PO BOX 10
EAST CARBON UT 84520

Client Sample ID:	F2	Sample ID By:	Sunnyside Cogeneration Assoc.
Date Sampled:	Nov 30, 2011	Sample Taken At:	F2
Date Received:	Dec 1, 2011	Sample Taken By:	RCS
Product Description:	WATER	Time Sampled:	0945
		Time Received:	1030
		Mine:	27
		Site:	11
		Field - pH:	8.30 pH
		Field - Dis. Oxygen:	11 MG/L
		Field - Flow:	20 GPM
		Field - Conductivity:	1642 UMHOS/CM
		Field - Temperature:	3.9 DEG. C

Comments: Dissolved Metals Filtered at Lab; pH Expired When Received

SGS Minerals Sample ID: 782-1110980-003

TESTS	RESULT	UNIT	METHOD	REPORTING LIMIT	ANALYZED DATE	TIME	ANALYST
Hardness, mg equivalent CaCO3/L	642	mg/L	SM2340-B	1	2011-12-08	11:00:16	AL
Sulfate, SO4	510	mg/L	EPA 300.0	1	2011-12-05	19:08:00	CM
Oil and Grease, (HEM)	<5	mg/L	EPA 1664A	5	2011-12-02	07:30:00	CM
Anions	20.54	meq/L	SM1030E	0	2011-12-08	11:00:16	AL
Cations	20.97	meq/L	SM1030E	0	2011-12-08	11:00:16	AL
Balance	1.04	%	SM1030E	-10	2011-12-08	11:00:16	AL
pH	8.52	s. u.	SM4500-H	0.01	2011-12-01	10:59:00	CM
pH Temperature	14.50	°C	SM4500-H	0.01	2011-12-01	10:59:00	CM
Settleable Solids	<0.1	mL/L	SM2540-F a	0.1	2011-12-01	11:35:00	CM
Total Dissolved Solids	1225	mg/L	SM2540-C	30	2011-12-01	12:30:00	AL
Total Suspended Solids	12	mg/L	SM2540-D	5	2011-12-01	12:30:00	AL
Chloride, Cl	31	mg/L	EPA 300.0	1	2011-12-05	19:08:00	CM
Alkalinity, mg CaCO3/L (pH 4.5)	452	mg/L	SM2320-B	5	2011-12-02	09:00:00	DI
Carbonate Alkalinity as CaCO3	49	mg/L	SM2320-B	5	2011-12-02	09:00:00	DI
Bicarbonate Alkalinity as CaCO3	402	mg/L	SM2320-B	5	2011-12-02	09:00:00	DI
METALS BY ICP							
Calcium, Ca - Dissolved	92.30	mg/L	EPA 200.7	0.03	2011-12-05	14:13:00	CM

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Analysis Report

December 09, 2011

SUNNYSIDE COGENERATION FAC
PO BOX 10
EAST CARBON UT 84520

Client Sample ID:	F2	Sample ID By:	Sunnyside Cogeneration Assoc.
Date Sampled:	Nov 30, 2011	Sample Taken At:	F2
Date Received:	Dec 1, 2011	Sample Taken By:	RCS
Product Description:	WATER	Time Sampled:	0945
		Time Received:	1030
		Mine:	27
		Site:	11
		Field - pH:	8.30 pH
		Field - Dis. Oxygen:	11 MG/L
		Field - Flow:	20 GPM
		Field - Conductivity:	1642 UMHOS/CM
		Field - Temperature:	3.9 DEG. C

Comments: Dissolved Metals Filtered at Lab; pH Expired When Received

SGS Minerals Sample ID: 782-1110980-003

TESTS	RESULT	UNIT	METHOD	REPORTING LIMIT	ANALYZED DATE	ANALYZED TIME	ANALYST
METALS BY ICP (continued)							
Iron, Fe - Total	0.26	mg/L	EPA 200.7	0.05	2011-12-07	12:57:00	CM
Iron, Fe - Dissolved	<0.03	mg/L	EPA 200.7	0.03	2011-12-05	14:13:00	CM
Magnesium, Mg - Dissolved	99.82	mg/L	EPA 200.7	0.01	2011-12-05	14:13:00	CM
Manganese, Mn - Total	0.018	mg/L	EPA 200.7	0.002	2011-12-07	12:57:00	CM
Manganese, Mn - Dissolved	0.007	mg/L	EPA 200.7	0.002	2011-12-05	14:13:00	CM
Potassium, K - Dissolved	3.13	mg/L	EPA 200.7	0.14	2011-12-05	14:13:00	CM
Sodium, Na - Dissolved	185.54	mg/L	EPA 200.7	0.09	2011-12-05	14:13:00	CM

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December 09, 2011

SUNNYSIDE COGENERATION FAC
PO BOX 10
EAST CARBON UT 84520

Client Sample ID:	WELL 1	Sample ID By:	Sunnyside Cogeneration Assoc.
Date Sampled:	Nov 30, 2011	Sample Taken At:	WELL 1
Date Received:	Dec 1, 2011	Sample Taken By:	RCS
Product Description:	WATER	Time Sampled:	0950
		Time Received:	1030
		Mine:	27
		Site:	8
		Field - pH:	7.78 pH
		Field - Dis. Oxygen:	8.9 MG/L
		Field - Flow:	250 GPM
		Field - Conductivity:	992 UMHOS/CM
		Field - Temperature:	6.9 DEG. C

Comments: Dissolved Metals Filtered at Lab; pH Expired When Received

SGS Minerals Sample ID: 782-1110980-004

TESTS	RESULT	UNIT	METHOD	REPORTING LIMIT	ANALYZED DATE	TIME	ANALYST
Hardness, mg equivalent CaCO3/L	371	mg/L	SM2340-B	1	2011-12-08	11:00:16	AL
Sulfate, SO4	186	mg/L	EPA 300.0	1	2011-12-05	19:08:00	CM
Oil and Grease, (HEM)	<5	mg/L	EPA 1664A	5	2011-12-02	07:30:00	CM
Anions	11.76	meq/L	SM1030E	0	2011-12-08	11:00:16	AL
Cations	11.55	meq/L	SM1030E	0	2011-12-08	11:00:16	AL
Balance	-0.90	%	SM1030E	-10	2011-12-08	11:00:16	AL
pH	7.88	s. u.	SM4500-H	0.01	2011-12-01	11:01:00	CM
pH Temperature	15.30	°C	SM4500-H	0.01	2011-12-01	11:01:00	CM
Settleable Solids	<0.1	mL/L	SM2540-F a	0.1	2011-12-01	11:35:00	CM
Total Dissolved Solids	658	mg/L	SM2540-C	30	2011-12-01	12:30:00	AL
Total Suspended Solids	15	mg/L	SM2540-D	5	2011-12-01	12:30:00	AL
Chloride, Cl	14	mg/L	EPA 300.0	1	2011-12-05	19:08:00	CM
Alkalinity, mg CaCO3/L (pH 4.5)	375	mg/L	SM2320-B	5	2011-12-02	09:00:00	DI
Carbonate Alkalinity as CaCO3	<5	mg/L	SM2320-B	5	2011-12-02	09:00:00	DI
Bicarbonate Alkalinity as CaCO3	375	mg/L	SM2320-B	5	2011-12-02	09:00:00	DI
METALS BY ICP							
Calcium, Ca - Dissolved	61.44	mg/L	EPA 200.7	0.03	2011-12-05	14:13:00	CM

Lab Supervisor

Domenic Ibanez
Lab Supervisor

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2035 North Airport Road Huntington UT 84528 t (435) 653-2311 f (435)-653-2436 www.sgs.com/minerals

Analysis Report

December 09, 2011

SUNNYSIDE COGENERATION FAC
PO BOX 10
EAST CARBON UT 84520

Client Sample ID:	WELL 1	Sample ID By:	Sunnyside Cogeneration Assoc.
Date Sampled:	Nov 30, 2011	Sample Taken At:	WELL 1
Date Received:	Dec 1, 2011	Sample Taken By:	RCS
Product Description:	WATER	Time Sampled:	0950
		Time Received:	1030
		Mine:	27
		Site:	8
		Field - pH:	7.78 pH
		Field - Dis. Oxygen:	8.9 MG/L
		Field - Flow:	250 GPM
		Field - Conductivity:	992 UMHOS/CM
		Field - Temperature:	6.9 DEG. C

Comments: Dissolved Metals Filtered at Lab; pH Expired When Received

SGS Minerals Sample ID: 782-1110980-004

TESTS	RESULT	UNIT	METHOD	REPORTING LIMIT	ANALYZED DATE	ANALYZED TIME	ANALYST
METALS BY ICP (continued)							
Iron, Fe - Total	2.72	mg/L	EPA 200.7	0.05	2011-12-07	12:57:00	CM
Iron, Fe - Dissolved	<0.03	mg/L	EPA 200.7	0.03	2011-12-05	14:13:00	CM
Magnesium, Mg - Dissolved	52.73	mg/L	EPA 200.7	0.01	2011-12-05	14:13:00	CM
Manganese, Mn - Total	0.007	mg/L	EPA 200.7	0.002	2011-12-07	12:57:00	CM
Manganese, Mn - Dissolved	<0.002	mg/L	EPA 200.7	0.002	2011-12-05	14:13:00	CM
Potassium, K - Dissolved	2.42	mg/L	EPA 200.7	0.14	2011-12-05	14:13:00	CM
Sodium, Na - Dissolved	93.84	mg/L	EPA 200.7	0.09	2011-12-05	14:13:00	CM

Lab Supervisor

Domenic Ibanez
Lab Supervisor

SGS North America Inc. | Minerals Services Division
2035 North Airport Road Huntington UT 84528 t (435) 653-2311 f (435)-653-2436 www.sgs.com/minerals

APPENDIX C
DEPARTMENT OF COMMERCE
CERTIFICATES OF EXISTENCE

Utah Department of Commerce
Division of Corporations & Commercial Code
160 East 300 South, 2nd Floor, PO Box 146705
Salt Lake City, UT 84114-6705
Service Center: (801) 530-4849
Toll Free: (877) 526-3994 Utah Residents
Fax: (801) 530-6438
Web Site: http://www.commerce.utah.gov

03/19/2012
4911242-015003192012-3434660

CERTIFICATE OF EXISTENCE

Registration Number:	4911242-0150
Business Name:	SUNNYSIDE COGENERATION ASSOCIATES
Registered Date:	April 24, 2001
Entity Type:	DBA
Current Status:	Good Standing

The Division of Corporations and Commercial Code of the State of Utah, custodian of the records of business registrations, certifies that the business entity on this certificate is authorized to transact business and was duly registered under the laws of the State of Utah. The Division also certifies that this entity has paid all fees and penalties owed to this state; its most recent annual report has been filed by the Division (unless Delinquent); and, that Articles of Dissolution have not been filed.

Kathy Berg
Director
Division of Corporations and Commercial Code

Utah Business Search - Details

SUNNYSIDE COGENERATION ASSOCIATES

Entity Number: 4911242-0150
Company Type: DBA
Address: ONE POWER PLANT RD PO BOX 159 Sunnyside, UT 84539
State of Origin:
Registered Agent: BRIAN W BURNETT
Registered Agent Address:
10 E SOUTH TEMPLE ST STE 900 Salt Lake City UT 84133

Status: Active

Status: Active *as of 04/24/2001*
Renew By: 04/24/2013
Status Description: Good Standing
Employment Verification: Not Registered with Verify Utah

History

Filed document images are not available for DBA

Registration Date: 04/24/2001
Last Renewed: 02/25/2010

Additional Information

Refine your search by:

- Search by:
- Business Name
- Number
- Executive Name
- Search Hints

Name:

Utah Business Search - Registered Principals

Registered Principals

Name	Type	City	Status
SUNNYSIDE COGENERATION ASSOCIATES	DBA	Sunnyside	Active

Position	Name	Address	
Applicant	SUNNYSIDE HOLDINGS I, INC.	103 SPRINGER BUILDING	WILMINGTON DE 198
Applicant	SUNNYSIDE II, LP	C/O CONTELLATION POWER	BALTIMORE MD 2120
Registered Agent	BRIAN W BURNETT	10 E SOUTH TEMPLE ST	Salt Lake City UT 8413

If you believe there may be more principals, click here to

Search by:

- Search by:
- Business Name
- Number
- Executive Name
- Search Hints

Name:

Utah Department of Commerce
Division of Corporations & Commercial Code
160 East 300 South, 2nd Floor, PO Box 146705
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Web Site: http://www.commerce.utah.gov

03/19/2012
1215877-014303192012-955287

CERTIFICATE OF EXISTENCE

Registration Number:	1215877-0143
Business Name:	SUNNYSIDE HOLDINGS I, INC.
Registered Date:	December 30, 1994
Entity Type:	Corporation - Foreign - Profit
Current Status:	Good Standing

The Division of Corporations and Commercial Code of the State of Utah, custodian of the records of business registrations, certifies that the business entity on this certificate is authorized to transact business and was duly registered under the laws of the State of Utah. The Division also certifies that this entity has paid all fees and penalties owed to this state; its most recent annual report has been filed by the Division (unless Delinquent); and, that Articles of Dissolution have not been filed.

Kathy Berg
Director
Division of Corporations and Commercial Code

Utah Business Search - Details

SUNNYSIDE HOLDINGS I, INC.

Entity Number: 1215877-0143
Company Type: Corporation - Foreign - Profit
Address: 1105 N MARKET STREET STE 1300 WILMINGTON, DE 19801
State of Origin: DE
Registered Agent: C T CORPORATION SYSTEM
Registered Agent Address:
136 EAST SOUTH TEMPLE STE 2100 Salt Lake City UT 84111

Status: Active

Status: Active *as of 02/28/2011*
Renew By: 12/30/2012
Status Description: Good Standing
Employment Verification: Not Registered with Verify Utah

History

Registration Date: 12/30/1994
Last Renewed: 11/28/2011

Additional Information

Refine your search by:

- Search by:
- Business Name
- Number
- Executive Name
- Search Hints

Name:

Utah Business Search - Registered Principals

Registered Principals

Name	Type	City	Status
SUNNYSIDE HOLDINGS I, INC.	Corporation	WILMINGTON	Active

Position	Name	Address	
Registered Agent	C T CORPORATION SYSTEM	136 EAST SOUTH TEMPLE STE 2100	Salt Lake City UT 8411
Director	ROBERT S MCLEESE	1105 N MARKET ST	WILMINGTON DE 198(
President	CHRIS L THOMPSON	1105 N MARKET STREET	WILMINGTON DE 198(

If you believe there may be more principals, click here to

Search by:

- Search by:
- Business Name
- Number
- Executive Name
- Search Hints

Name:

Utah Department of Commerce
Division of Corporations & Commercial Code
160 East 300 South, 2nd Floor, PO Box 146705
Salt Lake City, UT 84114-6705
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Toll Free: (877) 526-3994 Utah Residents
Fax: (801) 530-6438
Web Site: http://www.commerce.utah.gov

03/19/2012
2113550-018103192012-3099474

CERTIFICATE OF EXISTENCE

Registration Number:	2113550-0181
Business Name:	SUNNYSIDE II, L.P.
Registered Date:	December 30, 1994
Entity Type:	Limited Partnership - Foreign
Current Status:	Good Standing

The Division of Corporations and Commercial Code of the State of Utah, custodian of the records of business registrations, certifies that the business entity on this certificate is authorized to transact business and was duly registered under the laws of the State of Utah. The Division also certifies that this entity has paid all fees and penalties owed to this state; its most recent annual report has been filed by the Division (unless Delinquent); and, that Articles of Dissolution have not been filed.

Kathy Berg
Director
Division of Corporations and Commercial Code

Utah Business Search - Details

SUNNYSIDE II, L.P.

Entity Number: 2113550-0181
Company Type: Limited Partnership - Foreign
Address: 100 CONSTELLATION WAY STE 1700P BALTIMORE, MD 21202
State of Origin: DE
Registered Agent: C T CORPORATION SYSTEM
Registered Agent Address:
136 EAST SOUTH TEMPLE STE 2100 Salt Lake City UT 84111

Status: Active

Status: Active *as of 02/03/2012*
Renew By: 12/30/2012
Status Description: Good Standing
Employment Verification: Not Registered with Verify Utah

History

Registration Date: 12/30/1994
Last Renewed: 02/03/2012

Additional Information

Refine your search by:

- Search by:
- Business Name
- Number
- Executive Name
- Search Hints

Name:

Utah Business Search - Registered Principals

Registered Principals

Name	Type	City	Status
SUNNYSIDE II, L.P.	Limited Partnership	BALTIMORE	Active

Position	Name	Address	
Registered Agent	C T CORPORATION SYSTEM	136 EAST SOUTH TEMPLE STE 2100	Salt Lake City UT 8411
Partner	SUNNYSIDE II, INC.	750 E PRATT STREET 5TH FL	Baltimore MD 21202

If you believe there may be more principals, click here to

Search by:

- Search by:
- Business Name
- Number
- Executive Name
- Search Hints

Name:

APPENDIX D
MINE MAP

As required under R645-302-525-270

ADJACENT LAND OWNER:
SUNNYSIDE PROPERTIES, LLC

LAND OWNER:
COVOL TECHNOLOGIES, INC.

ADJACENT LAND OWNER:
HISTORICAL PROPERTIES INC

ADJACENT LAND OWNER:
UTAH REVERSE EXCHANGE LLC

ADJACENT LAND OWNER:
SCA

ADJACENT LAND OWNER:
SCA

ADJACENT LAND OWNER:
SCA

ADJACENT LAND OWNER:
U.S.A. (BLM)

GRAPHIC SCALE
200 0 100 200 400 800
(IN FEET)

NOTES:

1. CONTOURS SHOWN HERE ON ARE A COMBINATION OF:
   2' CONTOUR INTERVALS ARE BASED ON FLIGHT OF MAY 2010.
   OTHER CONTOUR INTERVALS IN SURROUNDING AREAS ARE BASED RECORD INFORMATION OR PROVIDED BY SCA IN PREVIOUS YEARS.
2. SHADING IDENTIFIES AREA OF ACTIVE EXCAVATION.
3. THE PHOTOS INSET ABOVE SHOWS RECENT SITE CONDITIONS.
4. CURRENT MINING ACTIVITY IN HATCH AREA

REGISTERED PROFESSIONAL ENGINEER
187711
S. SCOTT CARLSON
3/2012
STATE OF UTAH

RECEIVED
MAR 30 2012
DIV. OF OIL, GAS & MINING

SUNNYSIDE COGEN. ASSOCIATES
SUNNYSIDE REFUSE/SLURRY MINE MAP
Carbon County, Utah

TWIN PEAKS
Engineering & Land Surveying
2264 NORTH 1450 EAST LEHI, UTAH 84043
(801) 450-3511, (801) 439-0700 FAX

DWG DATE: MARCH 2012
PLOT DATE:

SHEET 1 OF 1